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5. CENOZOIC PALEOCLIMATIC AND PALEOCEANOGRAPHIC CHANGES IN THE NORTHERN HEMISPHERE REVEALED BY VARIABILITY OF COARSE-FRACTION COMPOSITION IN SEDIMENTS FROM THE VØRING PLATEAU—ODP LEG 104 DRILL SITES[1]

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ABSTRACT

Coarse-fraction studies of sediments recovered during ODP Leg 104 are used to reconstruct paleoclimatic and paleoceanographic environments on a time scale of 0.1 to 0.5 m.y. for the past 20 Ma. These investigations suggest that relatively warm climates and isolated deep water conditions prevailed prior to 13.6 Ma and between 5.6–4.8 Ma. The first major deep water outflow from the Norwegian–Greenland Sea into the North Atlantic took place at about 13.6 Ma. Progressive cooling linked to increased deep water renewal in the Norwegian–Greenland Sea appears to have occurred between 13.6–5.6 Ma and 4.8–3.1 Ma. A major onset of ice-rafted debris is recorded at 2.56 Ma. Terrigenous coarse-fraction components show important fluctuations with two major peaks during the past 0.8 Ma.

INTRODUCTION

During the summer of 1985, ODP Leg 104 sediments were drilled at three sites in the Vøring Plateau region of the Norwegian Sea. Site 643 is located on the lower slope of the outer Vøring Plateau, and Site 642 lies at the top of this submarine feature. Site 644 is located in the inner Vøring Basin and represents the landward end of this northwest to southeast transect (Fig. 1).

One of the main goals in drilling this transect was to understand paleoclimatic and paleoceanographic variations in the Norwegian Sea during the Cenozoic. Because of its high-latitude location adjacent to the cold Arctic Ocean, the modern Norwegian–Greenland Sea is one of the globally most important regimes for modern deep water renewal (Meincke 1983). Over the past two decades, numerous investigations on the evolution of the Norwegian–Greenland Sea and its Cenozoic sediment record have aided in reconstruction of paleoclimatic changes of the Northern Hemisphere. Its origin and structural evolution is well known from magnetic anomaly patterns (Talwani and Eldholm, 1977), permitting reconstructions of its size and shape during Cenozoic times (Thiede 1979, Eldholm and Thiede, 1980).

Interpretations of the paleoenvironmental regimes in the Norwegian–Greenland Sea have been obtained mostly from deep-sea drilling and conventional sediment cores (e.g., Talwani, Udintsev, et al., 1976). The oldest sediments collected during DSDP Leg 38 are of early Eocene age (Schrader et al., 1976); they document a pelagic and relatively warm environment at that time. Marine connections were established later with the North Atlantic and the Arctic, but the timing of these paleoceanographic events is still controversial (Bott et al., 1983; Thiede and Eldholm, 1983; Berggren and Schnitker, 1983; Kitchell and Clark, 1982).

The onset of glacially influenced deposition in the North Atlantic (Schaeffer and Spiegler, 1986) and the Norwegian Sea was marked by a considerable change in the regional pattern of sediment flux. Isopachs of sediment with ice-rafted components (Warnke and Hansen, 1977) suggest that deposition of this material was controlled by surface water flowing parallel to the Norwegian and East Greenland continental margins. Detailed studies on composition and distribution of surface sediments (Eisma and v.d.Gaast, 1983; Kellogg, 1975b) and stratigraphic studies on Quaternary deposits (Kellogg, 1976; Bjørklund and Goll, 1979) have shown that the relatively warm Norwegian Current, presently the dominant feature of the eastern Norwegian Sea, appears to have reached the Norwegian Sea only during the peak intervals of a few interglacials.

Global models describing changes in the paleoenvironment and paleoclimatology of the Northern Hemisphere have been published by numerous researchers (viz. CLIMAP Project members, 1981; Holtedahl and Bjerkli, 1982; Johnson and Heezen, 1967; Kellogg, 1975a, 1977, 1980; Kellogg et al., 1978; Ruddiman et al., 1986a; Ruddiman et al., 1986b; Shackleton et al., 1984; Thiede, 1980; Thiede et al., 1986; and Vogt, 1986). However, the exact nature of events leading to Northern Hemisphere cooling during the Miocene and Pliocene and the variety of processes and feedback mechanisms that influence the cyclic growth and decay of the large Northern Hemisphere ice sheets during Pliocene and Quaternary remain the subject of discussion today (Ruddiman et al., 1986a).

The primary shortcoming of most previous investigations was the restricted amounts of useful samples recovered by earlier coring techniques. The recently developed hydraulic piston coring technique permits almost continuous coring, which has contributed substantially to improvements in the resolution of paleoenvironmental histories of the world's ocean basins.

The principal objectives of this study are to document compositional variations of major coarse-fraction assemblages in Leg 104 Cenozoic sediments and to use this information as documentation of major changes in surface and bottom-water circulation patterns. Our interpretations have been derived from a voluminous data base, permitting a temporal resolution of events in 0.1 to 0.5 m.y. in duration, based on changes of coarse-fraction composition. In view of this new data, evolution of cold climates and the onset and variability of large-scale Northern Hemisphere glaciations are discussed. Of interest to others us-

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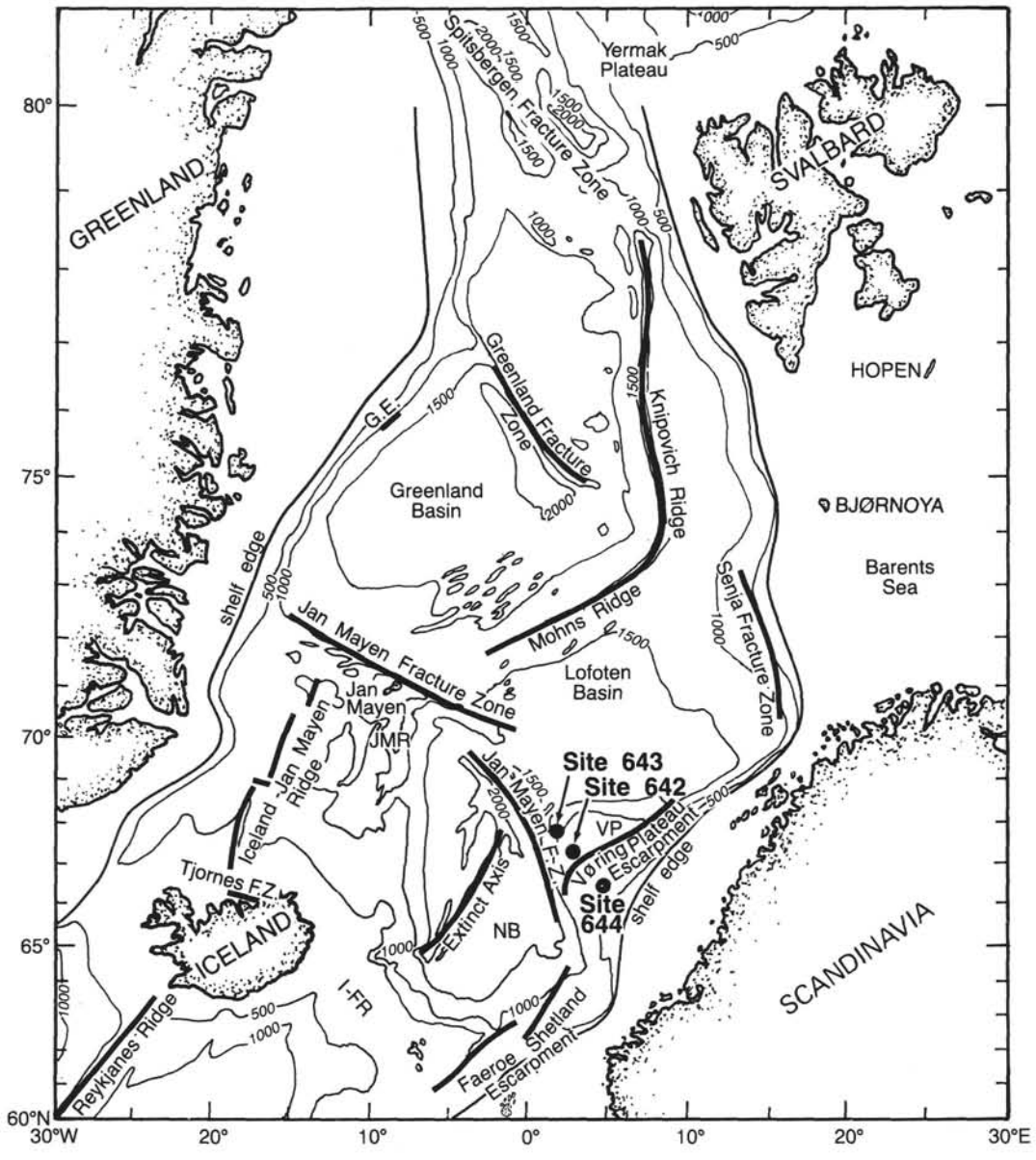

Figure 1. Locations of Leg 104 drill sites. Map based on Talwani and Eldholm (1977).

ing samples from these drill sites, detailed coarse-component analysis permits more precise lithostratigraphic correlation between the Leg 104 drill sites and aids in recognition of hiatuses.

METHODS

To obtain a high-resolution record of the character and composition of coarse-fraction components, two samples (sample interval approximately 70 cm) per section were analyzed from Holes 642B/D, while five to seven samples (sample interval approximately 25 cm) per section were taken at Hole 643A and six to seven samples (sample interval approximately 20 cm) per section were collected from Hole 644A. Data are given in the Appendix. Samples from Holes 643A and 644A were processed partially in Bergen (Group E. Jansen—stable isotopes). The given sample intervals provide a stratigraphic resolution of 3 to 20 k.y. for the last 1 Ma. Age determinations in the interval from 1 Ma to 2.6 Ma mainly rely on calculations of linear sedimentation rates between paleomagnetic (Bleil, this volume) and a few biostratigraphic datum levels (Donnally, this volume). The stratigraphic framework in sections older than 2.6 Ma is based on combined biostratigraphic and paleomagnetic evidence (Goll, this volume).

After treatment with ammonia-buffered hydrogen peroxide, each sample was split by wet sieving into a fine fraction <63 μm and a coarse fraction >63 μm. After drying, both fractions were weighed and the coarse fraction was dry-sieved with a sonic sieving system into 63–125 μm, 125–250 μm, 250–500 μm, 500–1000 μm, and >1000 μm subfractions. Subsequently, weight losses were calculated as the starting weight minus the sum of the fraction weights.

To compare coarse-fraction data of ODP Leg 104 sites with other ODP/DSDP data sets, the investigation was limited to the 125–500 μm subfractions. These were considered to be representative of the total coarse-fraction composition (Sarnthein, 1971). After subdivision by microsplitting to representative subsamples of countable grain amounts, 500–700 grains were analyzed microscopically, counted and distinguished as follows:

Biogenic Components—Planktonic foraminifers, calcareous benthic and arenaceous foraminifers, siliceous skeletons such as radiolarians, diatoms, and sponge spicules. Other biogenic components such as ostracods, pelecypods, and echinoid fragments; phosphatic debris were also counted but not discussed in this study.

Terrigenous Components—Quartz, feldspar, rock fragments, mica, and heavy minerals.

Authigenic Components—Glauconite, pyrite, crystals, and pyritized burrows, including higher amounts of other components such as clay mineral aggregates (gypsum crystals and diagenetic aggregates were excluded). Volcanic Components—Volcanic glass shards and tuffaceous components.

Grain abundance percentages were converted to weight percentages for each component (by referencing grain amount percentages to the total coarse-fraction weight) and plotted vs. core depth. Generally, the variability of coarse-fraction amounts are lower in deeper intervals. In Figures 6, 7, and 8 the scales of biogenic components are outlined as grain amount percentages of the >63-μm fraction. Selected samples were investigated with a S150 Cambridge Scanning Electron Microscope at 10 kV to document typical coarse-particle assemblages and to characterize tuffaceous components and diagenetic aggregates texturally and mineralogically.

RESULTS

Coarse-fraction Amounts and Grain-size Distribution

Amounts of coarse-fraction particles of the three sites are outlined in Figures 3 to 11. Data are given in Tables 1.1 through 1.4 in the Appendix. In general, amounts ranging between 5–20%, and in some cases up to 40% of bulk sediment, are recorded in lithologic Unit I (compare Eldholm, Thiede, Taylor, et al., 1987). These high coarse-fraction contents are mostly caused by a high input of terrigenous sand-sized material derived from ice-rafting and to a lesser degree by planktonic foraminifers. In contrast, at Sites 642 and 643 below lithologic Unit I the coarse-fraction amounts are significantly lower and values are typically on the order of 0.5 to 1.5%.

Exceptions are found in the numerous deep levels characterized by volcanic glass shards and some intervals of glauconite formation well defined in the Site 642 cores as single peaks in the >63-μm record (Figs. 4 and 7). Samples with high percentages of coarse-fraction particles are also characterized by their grain-size distribution (Figs. 2A–C). On the basis of microscopic examination, all samples in Hole 643A deeper than 51.26 mbsf, and all samples in Hole 642B and 642D deeper than 66.70 mbsf that contain increased amounts of the fraction >1000 μm are dominated by volcanic ash material (Figs. 2A–C).

Particle Assemblages in Coarse-fraction Sediments

A limited number of common particle assemblages has been identified. Changes in assemblages are used to characterize the most significant shifts in coarse-particle deposition of upper Cenozoic to Quaternary sediments at the Vøring Plateau. Interpretations based only on changes in coarse-fraction composition have to be used with caution since fine-fraction and bulk-sediment properties eventually must be considered as well. In addition, splitting the bulk sediment at 63 μm may bias the distributions of natural particle assemblages. This factor is of special importance when biogenic pelagic components are analyzed, because mean test diameters of various planktonic siliceous organisms do not correspond to the coarse-fraction grain-size limits. Keeping in mind these limitations, the following major particle assemblages were recognized in Leg 104 sediments (Plates 1 and 2).

Type I: Biogenic Calcareous Particle Assemblage

The biogenic calcareous particle assemblage consists predominantly of variable amounts of planktonic and benthic calcareous foraminifers (Plate 1-1). Admixtures of other particles occur in minor amounts. Most of the minor components are terrigenous (quartz, feldspar, rock fragments, and mica) and biogenic siliceous particles (sponge spicules, radiolarians, and diatoms). Trace admixtures consist of ostracods, molluscs, and echinoderm shells and fragments, and of phosphatic debris (fish bones, etc.). Bulk sediment properties of this assemblage normally display intermediate to high carbonate contents (<10 to 50%) and low to intermediate organic carbon contents (0.1 to 0.5%). High carbonate contents in the entire interval reflect large amounts of fine-fraction carbonate (e.g., calcareous nannoplankton). Type I particle assemblages characterize normal interglacial sediments in the glacial/interglacial cycles and dominate the foraminifer-nannofossil oozes and muds that were deposited during Miocene and Pliocene times.

Type II: Biogenic Siliceous Particle Assemblage

Biogenic siliceous particle assemblages (Plate 1-5) consist of variable proportions of radiolarians, sponge spicules and a low number of diatoms with occasional admixtures of minor amounts of biogenic calcareous particles (planktonic and benthic foraminifers). Variable amounts of vitric tephra fragments are admixed in most samples (Plates 1-6 and 2-1). Coarse terrigenous components are almost completely absent or occur as minor traces, thereby suggesting that these sediments are pelagic and hemipelagic deposits. In this type, terrigenous supply is derived almost exclusively by variable admixtures of mica. Low bulk carbonate contents or carbonate-free deposits and intermediate to high total organic carbon contents (0.8 to 5.0%) are normally observed in deposits characterized by Type II assemblages.

Based on compositional differences, two major subtypes of the biogenic siliceous particle assemblages can be distinguished in the Leg 104 sediments. IIa is sponge spicule-dominated subtype and IIb is a radiolarian-dominated subtype. These subtypes are considered to reflect major environmental changes. However, because the two subtypes have different mean grain sizes, their contents have to be interpreted with caution.

Type III: Terrigenous Particle Assemblage

Terrigenous particle assemblages consist of variable amounts of quartz, feldspar, rock fragments, mica, and heavy minerals (Plates 1-3 and 1-4). Generally poor sorting (Fig. 2) and the occasional occurrence of centimeter-sized dropstones suggest ice-rafting as the prevalent transport mechanism for this particle assemblage. Minor amounts of biogenic calcareous (planktonic and benthic foraminifers) and biogenic silica particles are found in the terrigenous particle assemblages (Plate 1-2). In this assemblage type, bulk carbonate contents are low (0 to 5%) and organic carbon contents are higher (0.4 to 1.3%) than observed in carbonate-rich intervals of type I (0.1 to 0.3%). The organic carbon apparently is derived mainly from terrigenous sources or diagenetically altered organic carbon-rich sediments (see Kvenvolden et al., this volume; Henrich, this volume). The terrigenous particle assemblage is most frequently associated with maximum concentrations of bulk coarse-fraction material. Terrigenous particle assemblages are restricted almost totally to the core sections having glacial/interglacial cycles.

Type IV: Ash-dominated Particle Associations

Based on their diagenetic alteration characteristics, ash fragment-dominated particle associations can be subdivided in two subassociations. The first includes subsamples dominated by vitric unaltered glass shards showing different degrees of vesicularity and stretching admixed with particles from assemblage types I and II (Plates 1-6, 2-1, and 2-2.). The second subassociation includes partly to strongly altered tephra components forming various diagenetic aggregates (Plates 2-3, 2-4, 2-5, and 2-6), composed of authigenic clay minerals such as smectites and glauconites with impregnations of pyrite (compare Desprairies et al., this volume; Froget et al., this volume). This subassociation was found in the vicinity of distinctive vitric ash layers and

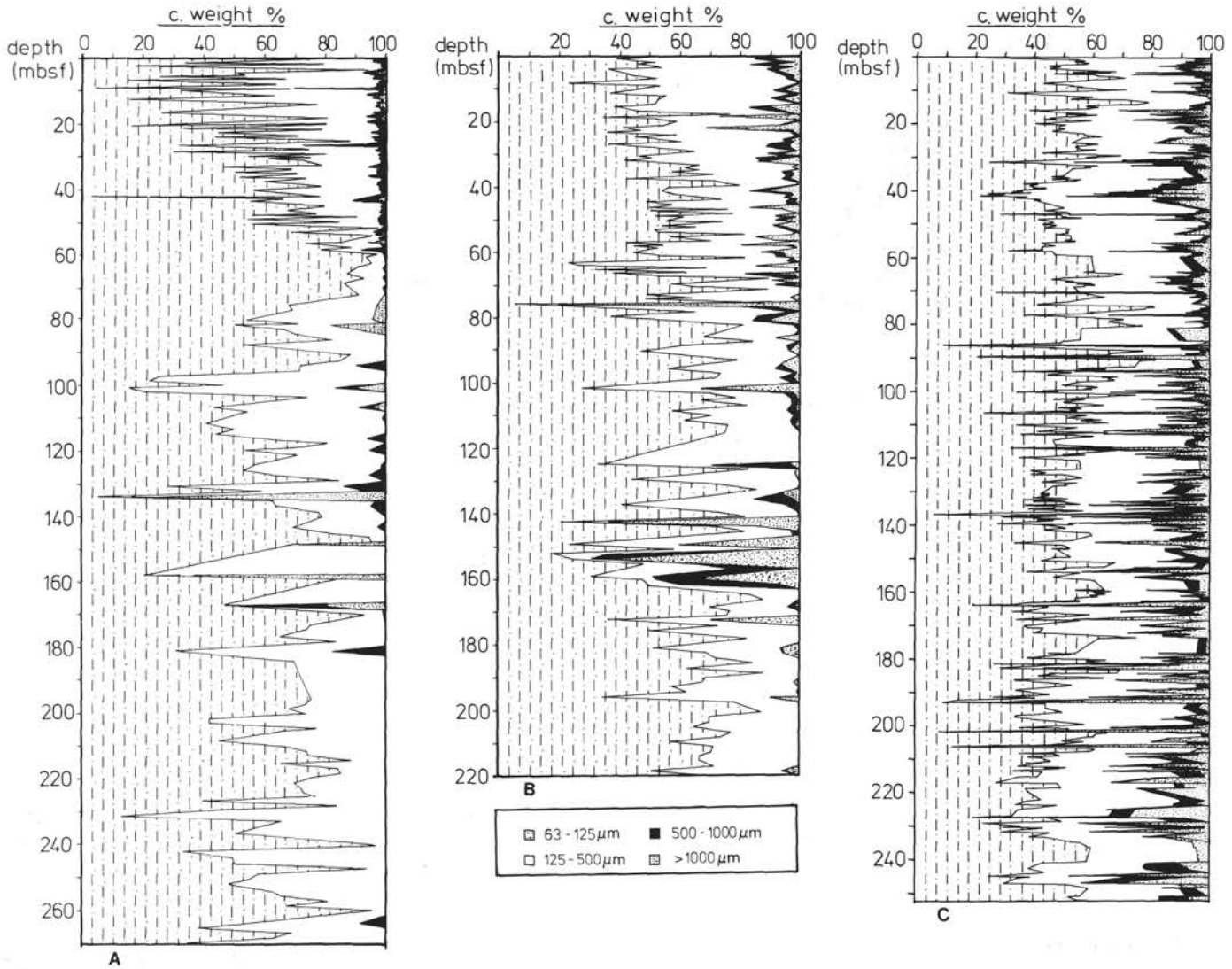

Figure 2. Grain-size distribution in (A) Hole 642B, (B) Hole 643A, and (C) Hole 644A.

ash fragments and seems also to be disseminated throughout the sedimentary column at various levels (Eldholm, Thiede, Taylor, et al., 1987). Strongly altered tephra particles form the majority of coarse particles in the Eocene and Oligocene sediments in Leg 104 cores.

Patterns of Typical Coarse-fraction Particle Assemblages

Coarse-fraction compositional variations occur in specific sedimentary sections of the Leg 104 drill sites reflecting changes in the depositional environment. The following sections are distinguished and can be correlated, with only minor differences, between the drill sites.

Section A: Hole 642B (Core 104-642B-1H to 104-642B-8H), Hole 643A (Cores 104-643A-1H to 104-643A-6H) and Hole 644A (Cores 104-644A-1H to 104-644A-30H).

The coarse-fraction composition of Section A is characterized by high-amplitude variations in coarse-fraction assemblages of type I and III (Figs. 3 to 11). The Section as defined by grains >63 µm corresponds well to lithologic Unit I (Eldholm, Thiede, Taylor et al., 1987). The base of Section A has an age of 2.56 Ma (Fig. 12, for details compare discussion).

Biogenic calcareous assemblage type 1 is rarely found in sediments below 32 msbf in Hole 643A (Fig. 3) and 40 mbsf in Hole 642B (Fig. 4) corresponding to lower productivity for carbonate-producing plankton in surface water combined with carbonate dissolution (Henrich, this volume). This pronounced change in sediment composition corresponds to an age of 1.0 to 1.2 Ma at both sites (Fig. 12). This decrease in calcareous planktonic foraminifers is also documented in Site 644 (Figs. 5, 8) below 110 mbsf, corresponding to the same age. Sediments in this lower parts of Section A contain nearly exclusively the terrigeneous assemblage type III. They are characterized by alternate occurrences of intervals with low and high concentrations of coarse-fraction and ice-rafted debris. The immature coarse particle assemblages are composed of variable amounts of quartz, feldspar, mica, and rock fragments (Figs. 3, 4, 5, 9, 10, 11).

Section A in Hole 644A is characterized by alternations of types I and III coarse-fraction assemblages throughout the entire section. The upper 110 mbsf (Fig. 5) has high-amplitude alternations of type I and III similar to those observed in Holes 642B and 643A (Figs. 3, 4). Below, there is a change in coarse-fraction composition and high-frequency, low-amplitude oscillations of bulk coarse fraction amount occur. This level corresponds to an age of about 1.0 Ma. While in the upper 110 mbsf, planktonic foraminifers strongly dominate assemblage type I,

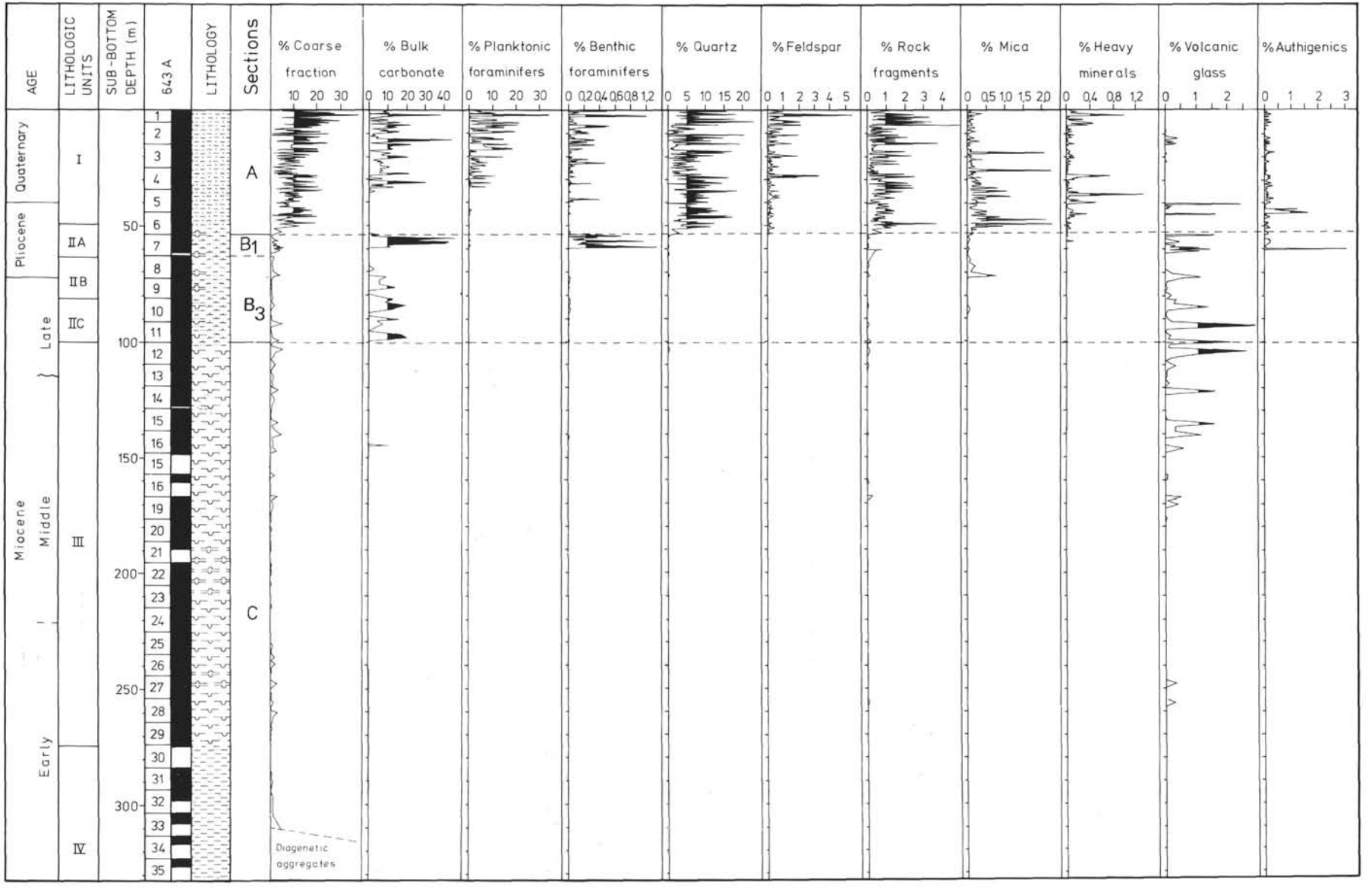

Figure 3. Coarse-fraction components in Hole 643A. (Bulk carbonate data; compare Henrich, this volume. Note: component percentages are with reference to total component weight).

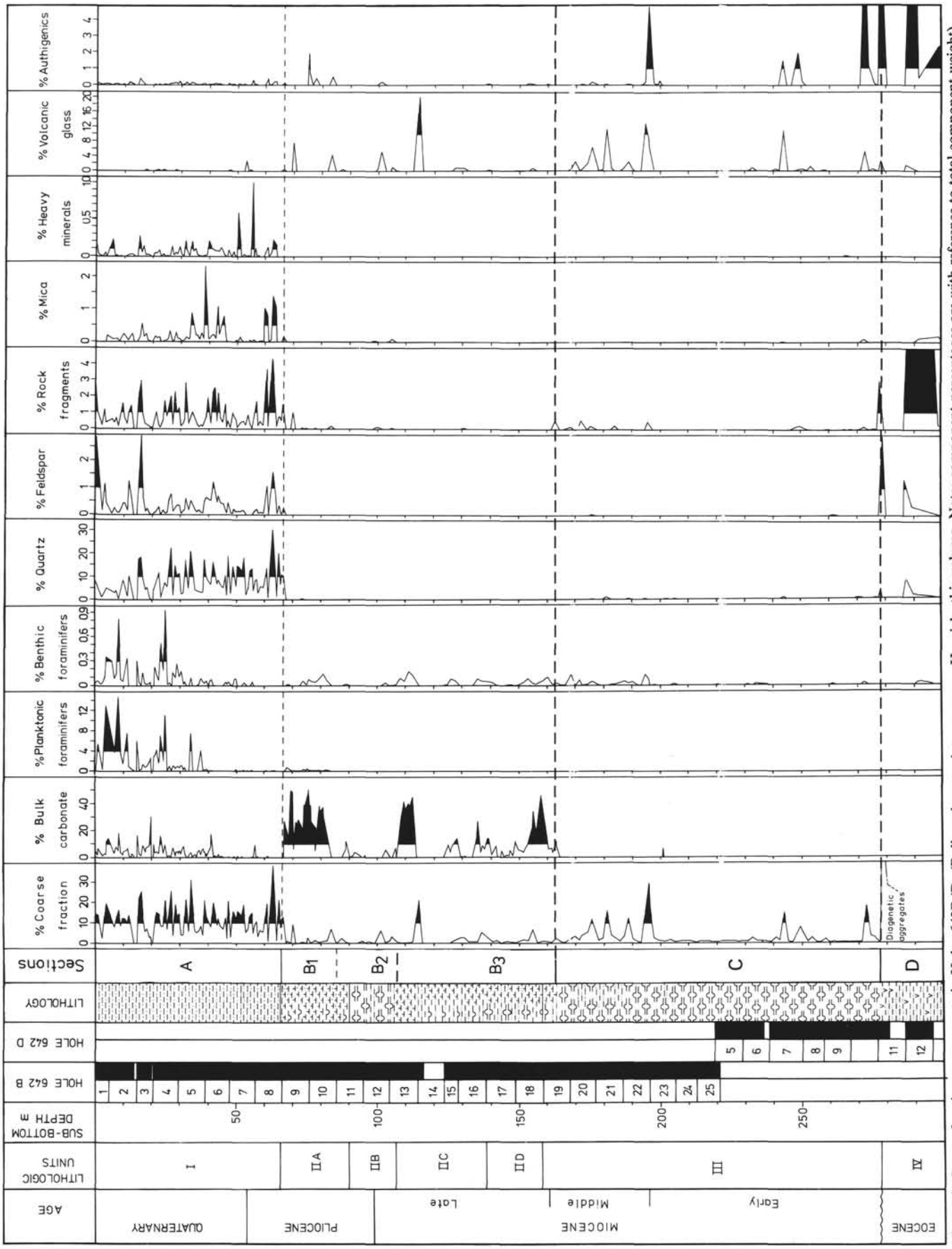

Figure 4. Coarse-fraction components in Holes 642B/D. (Bulk carbonate data; compare Henrich, this volume. Note: component percentages are with reference to total component weight).

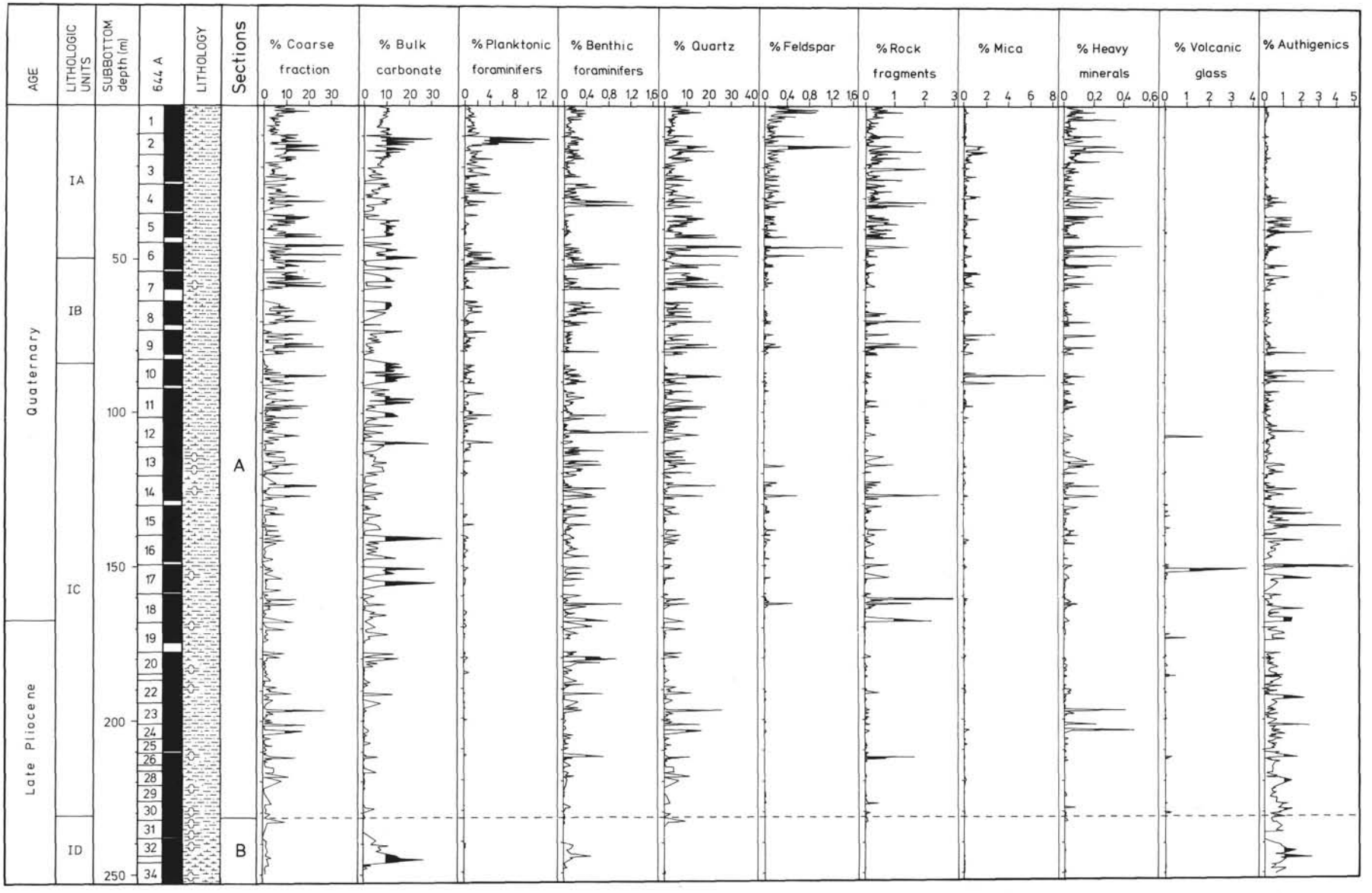

Figure 5. Coarse-fraction components in Hole 644A (Bulk carbonate data; compare Henrich, this volume. Note: component percentages are with reference to total component weight).

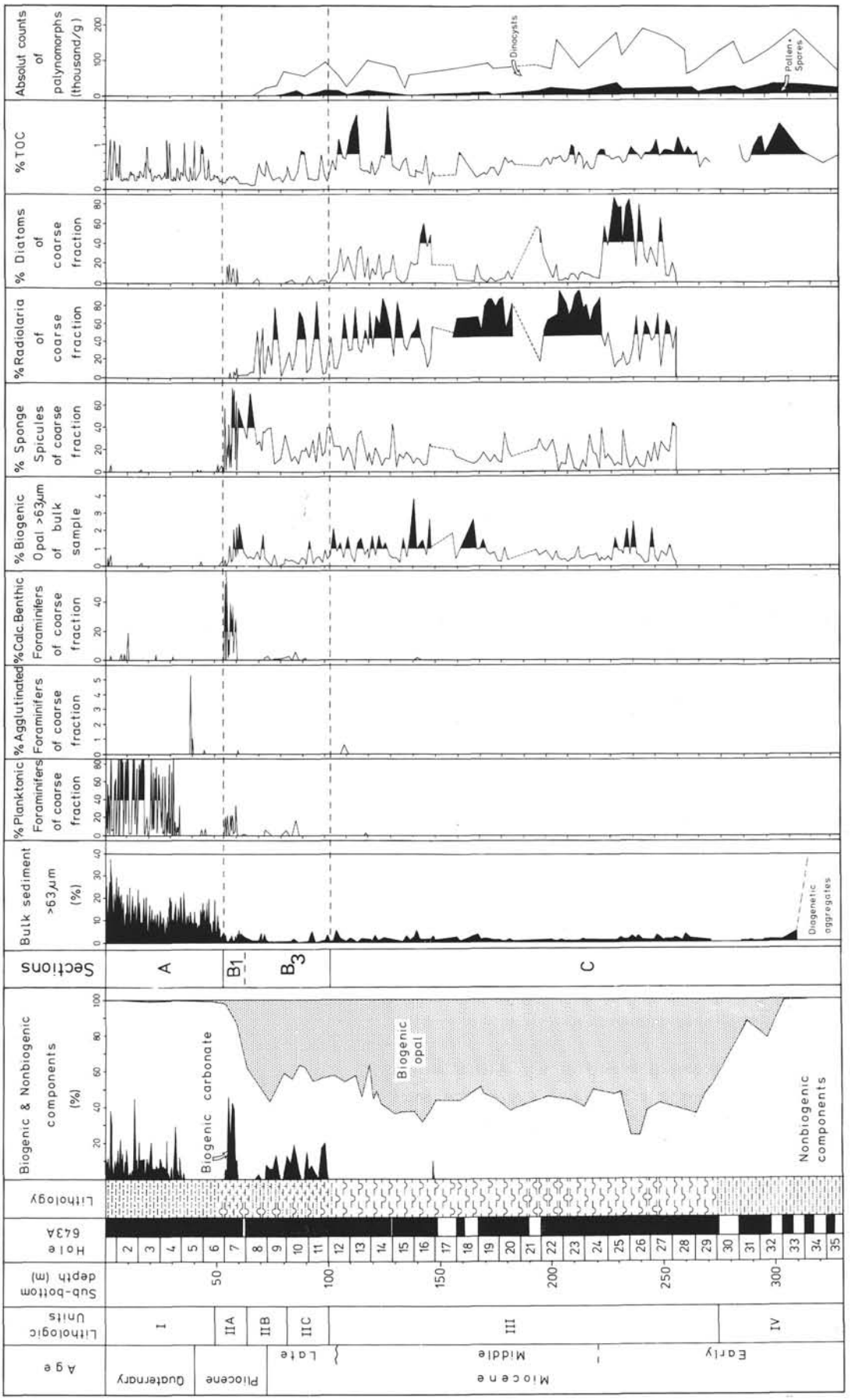

Figure 6. Biogenic components, Hole 643A (biogenic opal data from Bohrmann, 1988; palynomorph counts from Manum et al., this volume. Note: all percentages refer to grain amounts.

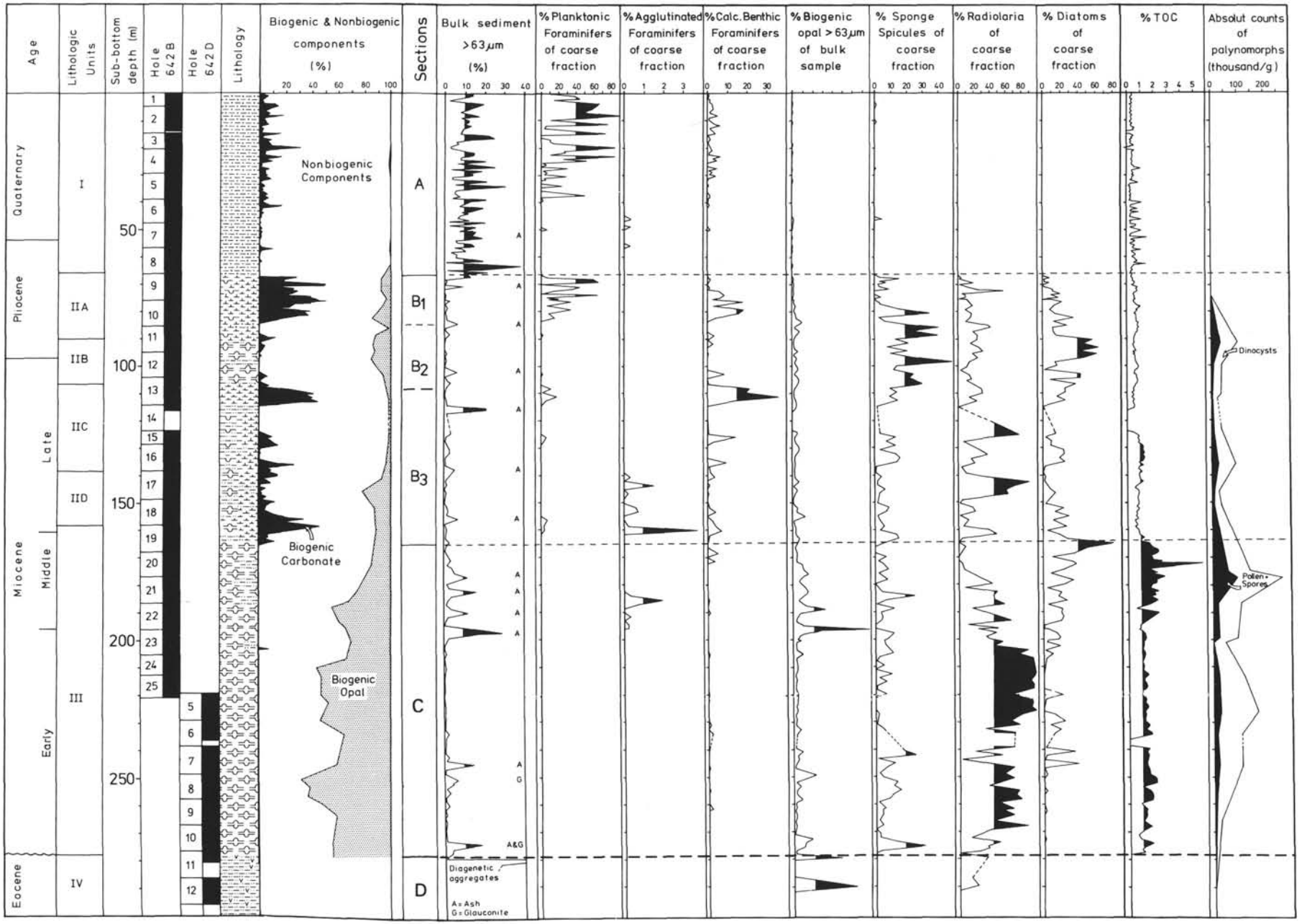

Figure 7. Biogenic components, Hole 642B/D (biogenic opal data from Bohrmann, 1988; palynomorph counts from Manum et al., this volume. Note: all percentages refer to grain amounts.

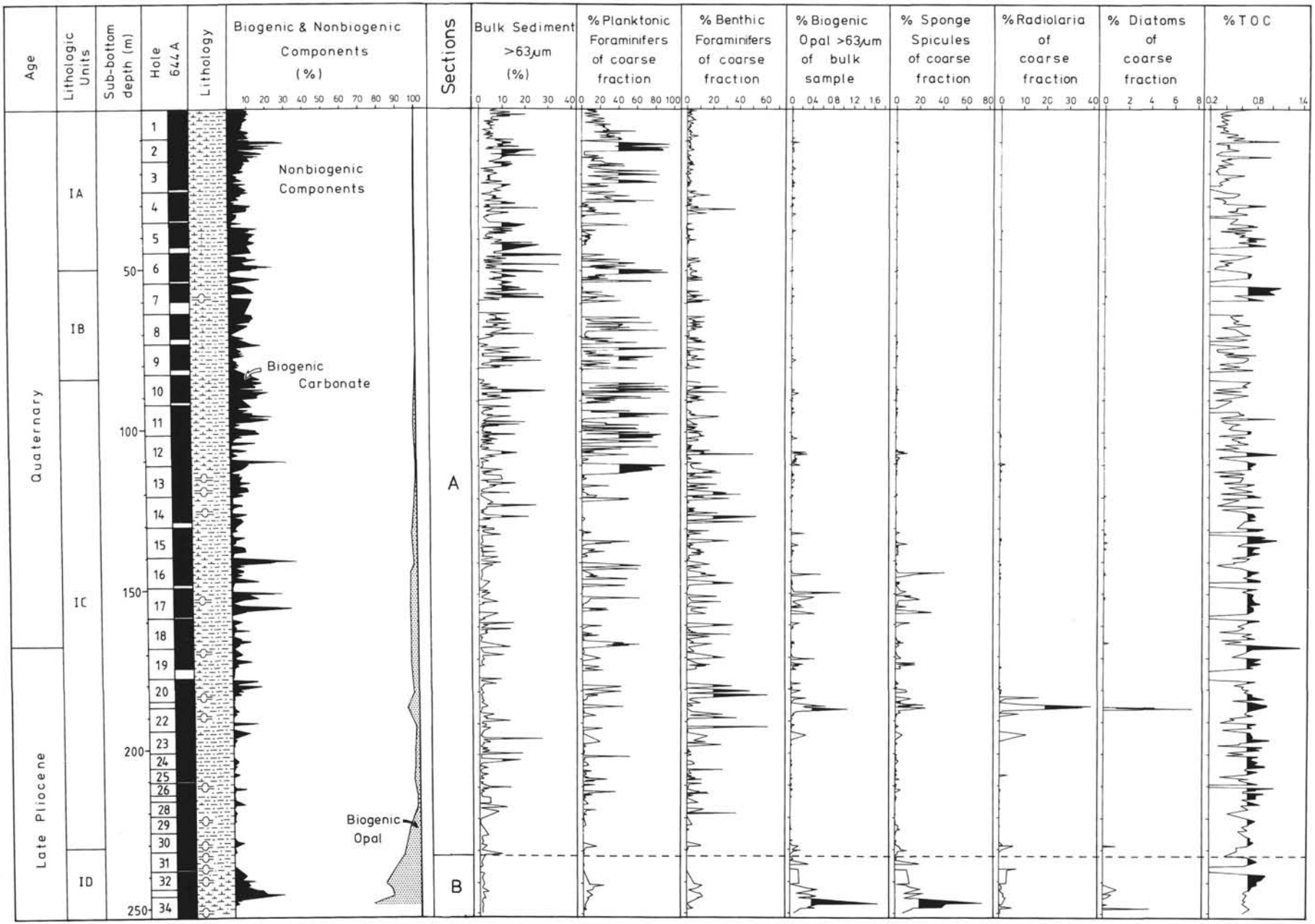

Figure 8. Biogenic components, Hole 644A (biogenic opal data from Bohrmann, 1988; palynomorph counts from Manum et al., this volume. Note: all percentages refer to grain amounts.

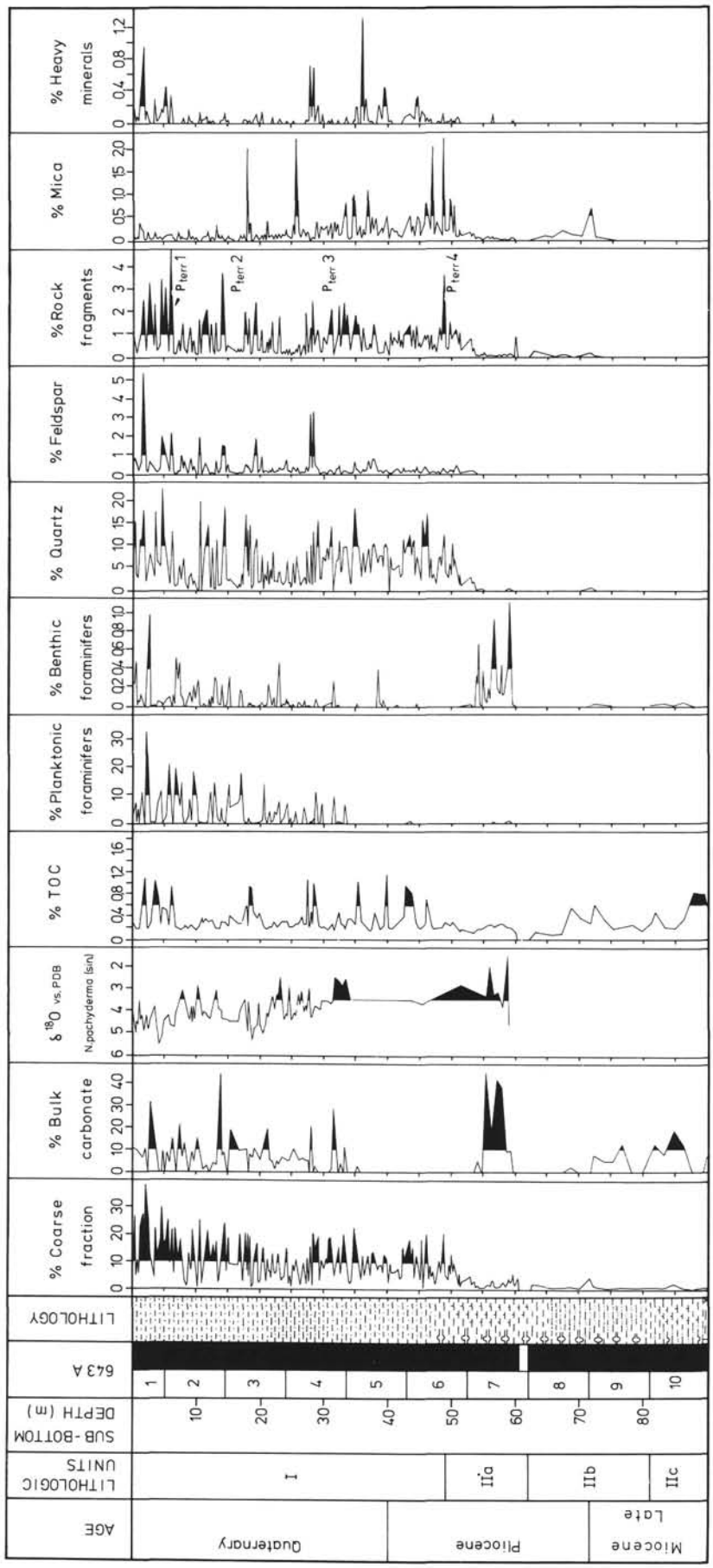

Figure 9. Coarse-fraction components, Hole 643A (0–90 mbsf). (Bulk carbonate data; compare Henrich, this volume. $\delta^{18}O$ data from Jansen et al., this volume. Note: component percentages are with reference to total weight).

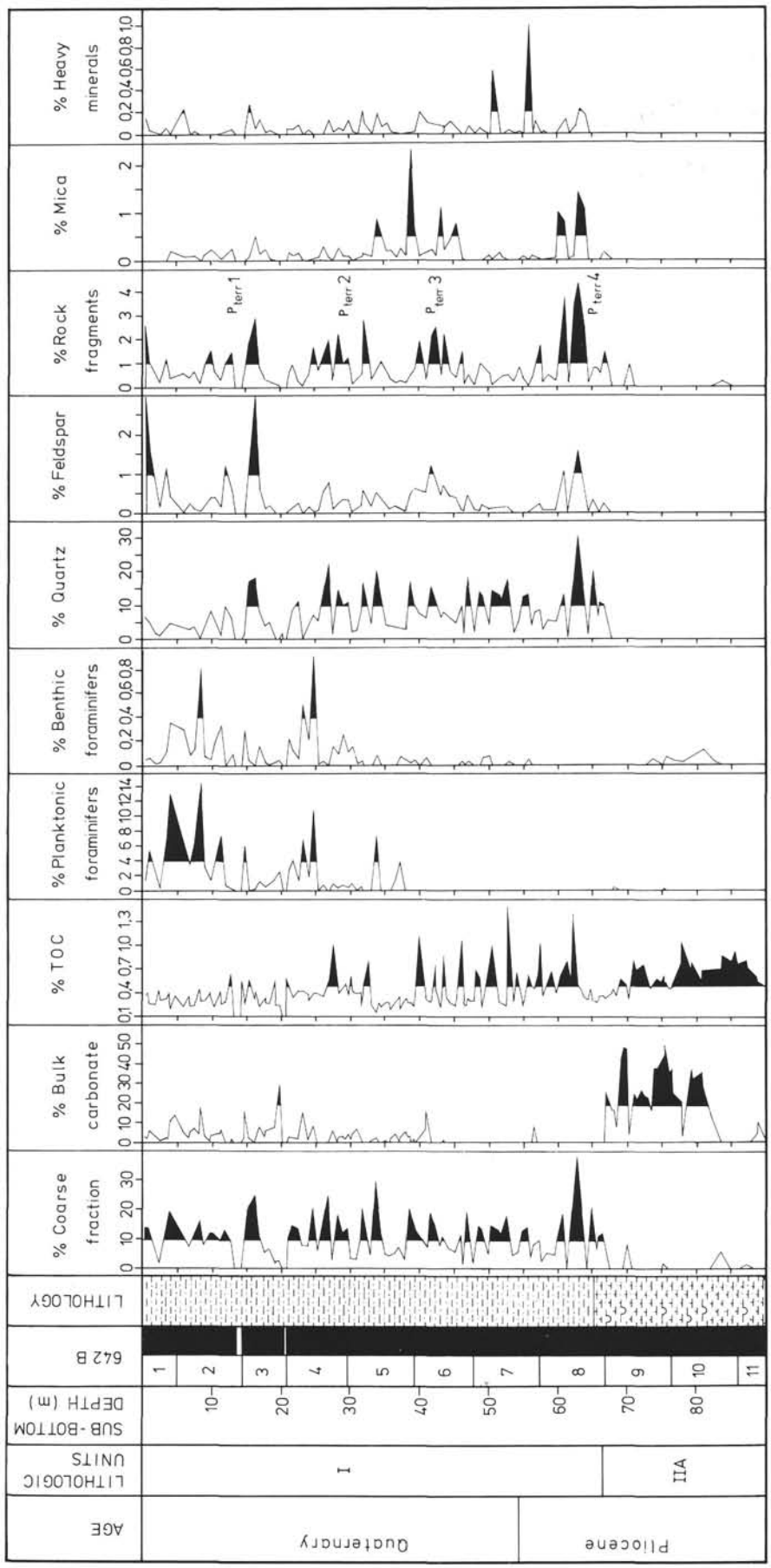

Figure 10. Coarse-fraction components without $\delta^{18}O$ data, Hole 642B.

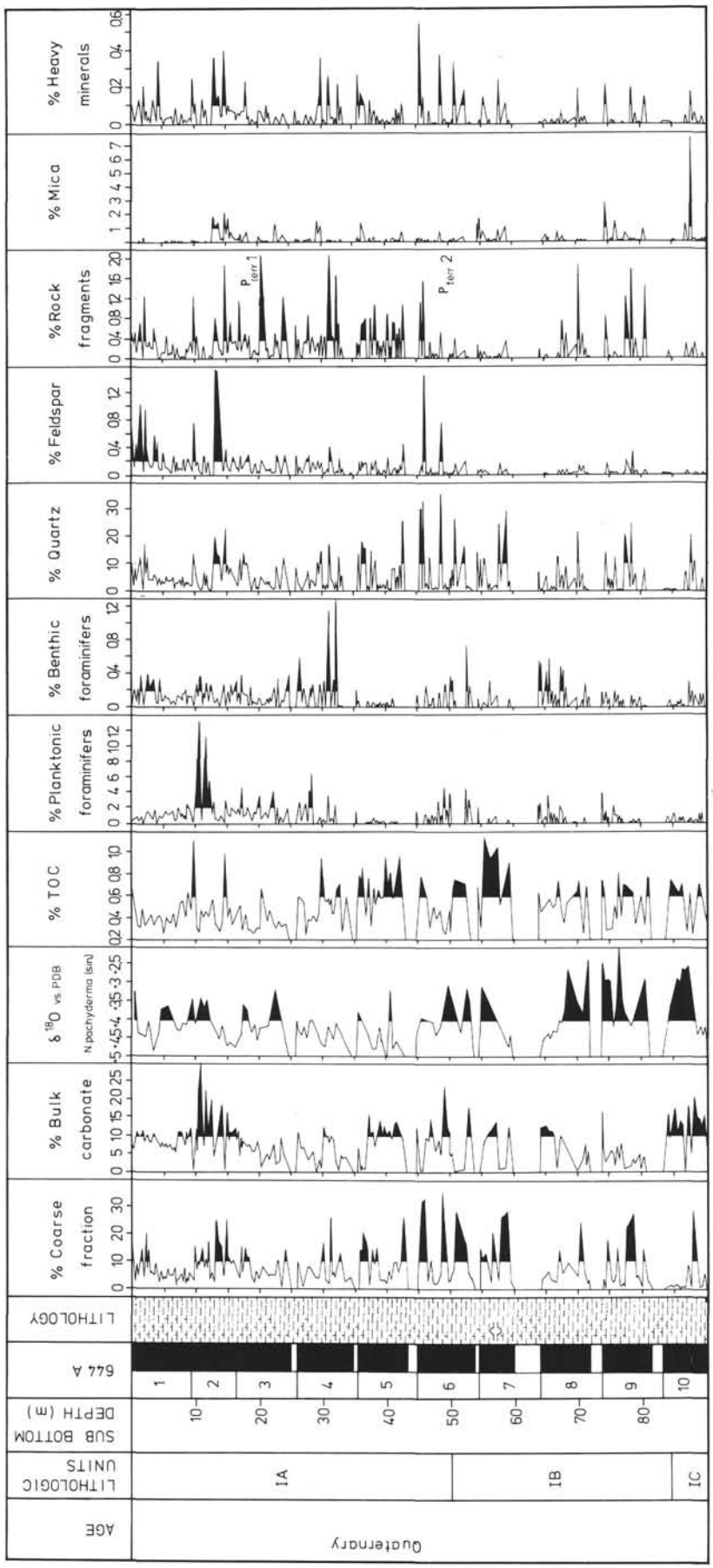

Figure 11. Coarse-fraction components, Hole 644A.

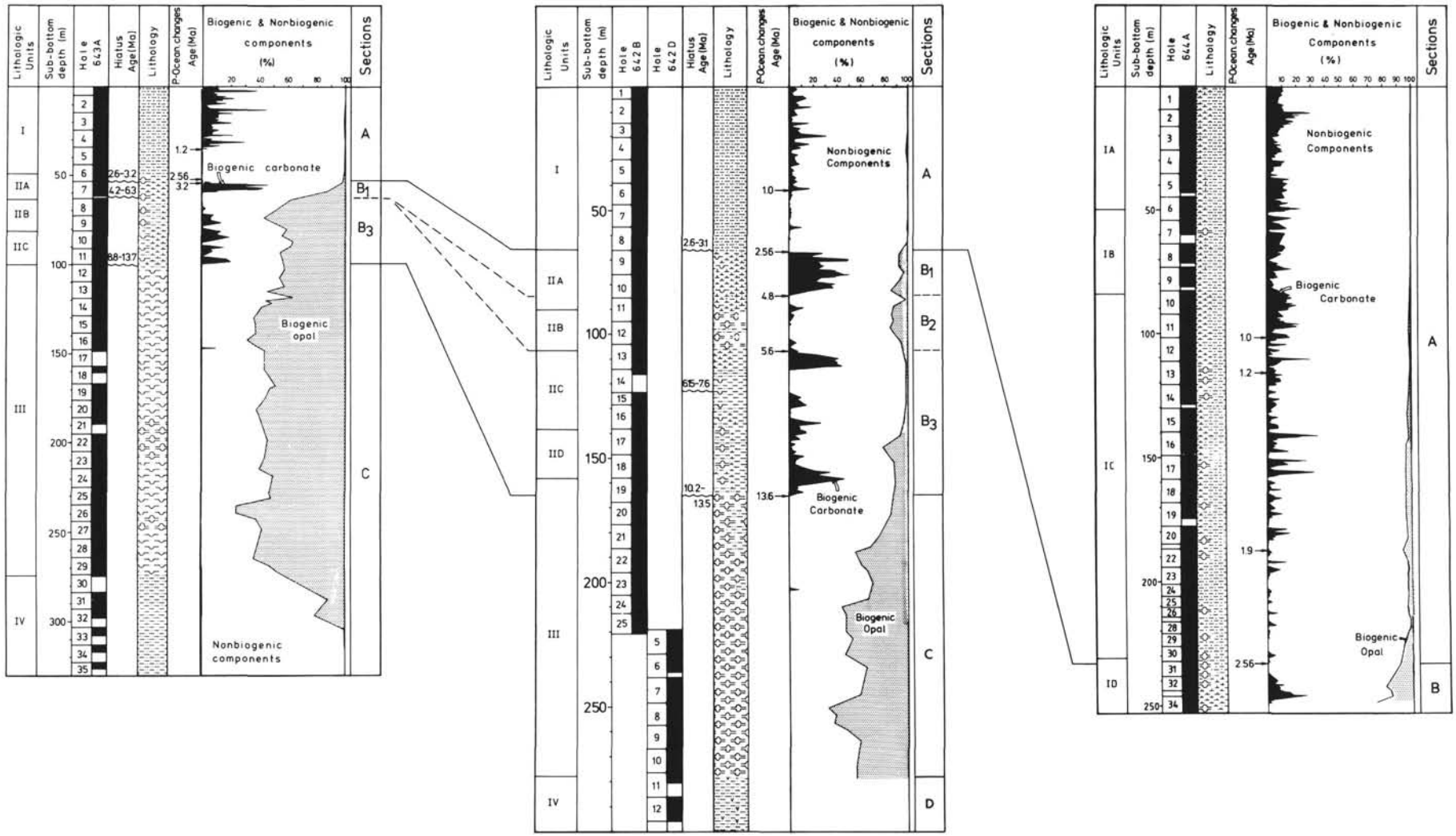

Figure 12. Correlation chart of Leg 104 drill Sites 642, 643, and 644. Major changes in lithofacies, position of hiatuses, and paleoceanographic events are outlined. The following periods have been recognized: 1. Deposition of biogenic siliceous sediments prior to 13.6 Ma, correlated with a high eustatic sea level, a warm climate, and weak surface- and deep-water exchange between the Norwegian Sea and the North Atlantic. 2. Sedimentation of mixed biogenic siliceous and calcareous deposits from 13.6 to 5.6 Ma, linked to a low global sea level, an increase in Northern Hemisphere cooling with development of steep E-W temperature gradients in the Norwegian–Greenland Sea, and strengthening of surface-water exchange and deep- water outflow to the North Atlantic. A major increase in carbonate deposition is reflected above a hiatus at 10.2 Ma. 3. Biogenic siliceous sediments deposited during a phase of reduced surface- and deep-water exchange from 5.6 to 4.8 Ma. 4. Major cooling at 4.8 to 3.1 Ma with deposition of pelagic carbonate over the Vøring Plateau, a strong increase in meridionality in the Northern Hemisphere, and enhanced surface- and deep-water circulation in the Norwegian–Greenland Sea and the North Atlantic. 5. Onset of ice-rafted debris deposition at 2.56 Ma. 6. Increase in strength of episodic intrusions of the Norwegian Current, major increase of pelagic carbonate deposition, and decrease in carbonate dissolution since 1.0 to 1.2 Ma.

below this level they decrease in abundance in favor of high abundances of benthic foraminifers (Fig. 8). At about the same level (115 mbsf), low amounts of biogenic opal occur that consist predominantly of sponge spicules admixed with increased abundances of radiolarians and diatoms at deeper sub-bottom levels (Fig. 8). The interval between 186 and 200 mbsf, corresponding to an age of 2.2 to 2 Ma, reflects much higher abundances of radiolarians and diatoms.

Section B: Hole 642B (Cores 104-642B-9H to 104-642B-19H) and Hole 643A (Cores 104-642B-7H to 104-643A-11H) and Hole 644A (Cores 104-644A-31 to 104-644A-34)

In Section B, particle assemblages of type I and II are found in variable quantities while the terrigenous type III disappears. Section B was divided into three subsections.

Subsection B1: Hole 642B (Cores 104-642B-9H and 104-642B-10H) and Hole 643A (Core 104-643A-7H)

Subsection B1 is characterized primarily by coarse-fraction assemblages of type I with only minor admixtures of siliceous components (Figs. 6 and 7). Calcareous biogenic particles in this level of Hole 642B are associated with fluctuating bulk carbonate concentrations between 25–60% (Fig. 4). This carbonate-rich interval is distinctly shorter in Hole 643A (Fig. 3) because of hiatuses at the top and base of this subsection in Core 104-643A-7H. Subsection B1 in Hole 642B corresponds to an age of 3.1 to 4.8 Ma (Goll, this volume; Fig. 12).

Subsection B2: Hole 642B (Cores 104-642B-11H to 104-642B-13H)

Coarse-fraction assemblages of Subsection B2 are characterized by the alternation between type IIa and IIb (Figs. 6, 7). In Hole 642B an interval dominated by large numbers of diatoms occurs in a section dominated by type IIa assemblages (Fig. 7). Subsection B2 is missing in Hole 643A due to a hiatus of 4.2 to 6.3 Ma (Goll, this volume; Fig. 12). Subsection B2 corresponds to an age of 4.8 to 5.6 Ma in Hole 642B.

Subsection B3: Hole 642B (Cores 104-642B-13H to 104-642A-19H) and Hole 643A (Cores 104-643A-8H to 104-634A-11H)

Subsection B3 (Figs. 6, 7) contains mixtures of coarse fraction assemblages types I and II. In Hole 642B arenaceous benthic foraminifers are consistently present as a minor component. However, they are not found in the corresponding interval of Hole 643A but the coarse fraction is accentuated by higher numbers of radiolarians. The absence of arenaceous benthic foraminifers may be due to lower benthic activity caused by the greater depth of this Site. Subsection B3 in Hole 642B corresponds to an age of 5.6 to 13.6 Ma including a hiatus from 10.2 to 13.6 Ma (Goll, this volume). The major increase of carbonate deposition coincides with the top of this hiatus, e.g., at 10.2 Ma. Subsection B3 in Hole 643A reveals two hiatuses, one at the top of the 4.2- to 6.3-Ma interval and the other at the base of the 8.8- to 13.7-Ma interval.

Section C: Hole 642B (Cores 104-642B-20H to 104-642B-25H), Hole 642D (Cores 104-642D-5X to 104-642D-11X) and Hole 643A (Cores 104-643A-12X to 104-643A-30X).

Section C is defined by coarse-fraction assemblages consisting nearly exclusively of siliceous skeletons, predominantly radiolarians, without any calcareous particles. In the lower part of Hole 643A, an interval with high numbers of diatom valves in the coarse fraction is recorded (Cores 104-643A-25X to 104-643A-28X). This association is not found in Site 642. Strong diagenetic alteration affected all sediments below Core 104-643A-30X (Fig. 6). Widely distributed silicification and precipitation of authigenic carbonates result in coarse-fraction samples in this interval being composed of numerous diagenetic aggregates that are useless for paleoenvironmental and paleoceanographic interpretations. According to Henrich (this volume), the paleoenvironment has changed little at this diagenetic level except that opal-A of the siliceous components was totally converted to opal-CT.

Section D: Hole 642D (Cores 104-642D-11X to 104-642D-14X)

The base of Section C in Hole 642D was defined by a strongly altered tuffaceous and glauconitic layer representing a long hiatus between siliceous oozes of Miocene age and underlying Eocene volcaniclastic mudstones. Glauconitic grains are sporadically found in deeper levels of Section C in Hole 642D.

Cyclic Variations of Type I and III Assemblage Amounts in Section A of Holes 643A, 642B, and 644A

In the Vøring Plateau cores, lithologic cyclicity is recorded as high-frequency fluctuations of grain-size distributions or of coarse-sediment composition (Figs. 9, 10, 11). External mechanisms modulating the cyclicity appear to be linked to variations in the Earth's orbital parameters (Berger 1981, Berger et al., 1984), and may be responsible for high-frequency fluctuations observed in the type I and III assemblages.

The type I assemblage, which is also characterized by its high bulk carbonate content, shows strong fluctuations in Section A of Holes 643A, 642B, and 644A (compare also Henrich, this volume). Six to eight maxima in carbonate content (>12–30% bulk carbonate content) correlate with minima of assemblage type III.

Variation in abundance of terrigenous components is characterized by well-defined repeated maxima. Both quartz and rock-fragment abundances reveal four megapeaks, which in the following section are referred to as terrigenous peaks (P_{terr}). Each of these megapeaks consists of 4 to 6 subcycles that contain sets of correlated minima and maxima abundances in terrigenous components. In Hole 643A the megapeaks occur as follows: P_{terr} 1 at 0–9 mbsf, P_{terr} 2 at 10–23 mbsf, P_{terr} 3 at 28–37 mbsf and P_{terr} 4 at 41–52 mbsf (Fig. 9). In Hole 642B P_{terr} 1 is found between 9–18 mbsf, P_{terr} 2 between 23–32 mbsf, P_{terr} 3 between 39–48 mbsf, and P_{terr} 4 between 56–65 mbsf (Fig. 10). Finally, in Hole 644A P_{terr} 1 occurs between 0–35 mbsf and P_{terr} 2 between 40–65 mbsf (Fig. 11). The major appearance of terrigenous input occurs in Hole 643A at 51.26 mbsf, in Hole 642B at 66.70 mbsf, and in Hole 644A at 233.10 mbsf corresponding to an age of about 2.56 Ma.

DISCUSSION

Today all three sites of the Leg 104 paleoenvironment transect are situated under the Norwegian Current. Relatively high carbonate shell production within the modern surface water and well-oxygenated, newly formed bottom waters are reflected by high abundances of planktonic and benthic foraminifers in the coarse fraction of surface sediments (e.g., assemblage type I). Bulk sediment parameters reveal high carbonate and low organic carbon contents (compare Henrich, this volume). However, during late Cenozoic times (Quaternary and Neogene) both surface- and deep-water conditions changed dramatically, and these changes are reflected in the coarse-particle assemblages and bulk sediment properties.

Glacial and deglacial surface-water settings are characterized by dense pack ice and/or rapid iceberg drift as well as episodic

high meltwater discharge from coastal areas (compare Henrich, this volume). As a result a decrease in oxygen content of deep waters due to reduced deep-water renewal is thought to occur. Indications of these environmental conditions are terrigenous coarse-particle assemblages (e.g., assemblage type III) composed of predominantly ice rafted debris with minor admixtures of planktonic foraminifers and most commonly a low abundance and diversity of benthic foraminifers. Bulk sediment properties reveal low carbonate and higher organic carbon contents.

Paleoceanographic conditions characterized by increased fertility of surface waters and sluggish deep-water renewal are indicated by biogenic siliceous coarse-particle assemblages (e.g., assemblage type II) and high organic carbon contents. Variations in abundances of different siliceous components, e.g., diatoms, radiolarians, and sponge spicules, may provide evidence for siliceous productivity in surface waters or proximity to a benthic siliceous sponge population, respectively.

Major changes in coarse-particle assemblage pattern in the Leg 104 drill sites referred to as Sections C, B, and A document three major significant changes in the depositional environment over the Vøring Plateau.

Section C almost exclusively consists of particle assemblage type IIb reflecting persistent highly fertile surface water conditions over the Vøring Plateau. Almost continuous deposition of sediments with biogenic siliceous coarse-particle assemblages persisted during early to middle Miocene, interrupted only by deposition of a short biogenic carbonate particle assemblage section at about 16.9 Ma at Site 642 and 15.2 Ma at Site 643 (compare Goll, this volume). High organic carbon contents and only rare benthic foraminifers most probably indicate rather sluggish deep-water renewal. Nevertheless, the frequent occurrence of bioturbation features reflecting benthic activity (Eldholm, Thiede, Taylor, et al., 1987) give indications that bottom waters were oxygenated. Comparably high biogenic siliceous sediments were recovered in Leg 38 drill sites from other regions of the Norwegian–Greenland Sea. Consequently, regional extensive productive surface waters that do not compare in extent with modern upwelling systems characterize the early to middle Miocene paleoceanography of the Norwegian Sea. An alternative hypothesis for such extensive highly productive surface waters might be increased supply of nutrients by rivers during a warm and humid climate (Frakes, 1979). Only weak surface-water exchange with the North-Atlantic and relative isolation of deep waters would stabilize the specific fertile surface-water conditions. High river discharge fertilizing coastal regions possibly enhanced by weak upwelling conditions induced at internal water mass boundaries within the Norwegian Sea might have caused rapidly siliceous blooms in surface waters.

During late Miocene to early Pliocene, coarse-particle assemblage patterns (summarized in Section B) reflect marked variations in surface and deep-water circulation as indicated by alternate periods of biogenic calcareous, mixed biogenic calcareous and siliceous, and biogenic siliceous sediments. Section B3 contains mixed carbonate and siliceous coarse-particle assemblages, e.g., types IIb and I, that indicate a strong shift in the depositional environment over the Vøring Plateau at 13.6 to 5.6 Ma. Sediments of Section B2 that were deposited between 5.6 and 4.8 Ma consist of biogenic siliceous assemblages IIa and IIb. Section B1, 4.8 to 3.1 Ma, is a calcareous section composed of coarse-particle assemblage type I.

Our approach in interpreting these changes in section B is based on the assumption that deposition of pelagic carbonate (coarse-particle type I) over the Vøring Plateau indicates the Norwegian Current or a precursor current. The modern Norwegian Current has a cold counterpart on the western side of the Norwegian–Greenland Sea in the East Greenland Current. During cold periods dense (saline and cold) water could form in two ways in the Norwegian–Greenland Sea. The most important factor is the salt source because if the water can be cooled to less than approximately 2°C, density is nearly independent of temperature. Salt could derive either from (a) the rejection during sea-ice formation most likely to occur in greatest quantities on shallow shelf regions or (b) advection of saline water from other sources. Other investigators (e.g., Hurdle, 1986) believe that dense water was first found when the Greenland–Scotland sill became deep enough to permit northwards advection of saline Atlantic water. Atlantic water inflow would also result in more meridional temperature gradients in the Norwegian–Greenland Sea.

We believe that the presence of the Norwegian Current in the past necessarily implies that similar temperature gradients existed in the Norwegian–Greenland Sea. Its first occurrence thus would be confined to periods of major cooling in the Northern Hemisphere. Cooling might have affected the north polar region in an asymmetric manner, with growth of mountain glaciers in Greenland much earlier than in Scandinavia. During these cold periods the potential to create young, dense, deep waters or dense water on the shelves in the northern Norwegian–Greenland Sea was increased, provided that the deep sills along the Greenland–Scotland Ridge had attained sufficient depth.

Once this inhibiting factor was overcome, the Norwegian–Greenland Sea had the potential of creating new deep-water, given that surface-water flows enabled the import of warm saline water masses. No dense water overflow from the Norwegian-Greenland Sea into the North Atlantic could be established until the sills of the Iceland–Shetland Channel and the Denmark Strait achieved a sufficient depth (Vogt, 1972; Berggren and Schnitker, 1983). This mode of circulation would serve to accelerate meridional temperature gradients through the development of a strong surface water–atmosphere interaction. Subsequently, the alternate occurrence of cold and warm climatic periods in the Northern Hemisphere might have corresponded with global eustatic sea level changes (Berggren and Schnitker, 1983). Warm climate and high sea level could have caused a rather sluggish and stratified surface-water circulation in the North Atlantic and the Norwegian Sea, reducing the possibility of deep convection and therefore reducing the renewal of deep water. Under these conditions Antarctic bottom water would have dominated in the deep-water areas of the North Atlantic.

Following these assumptions, Section B assemblages reflect variations of surface-water exchange between the North Atlantic and the Norwegian–Greenland Sea. The biogenic calcareous deposition appears to be associated with increased surface-water circulation and a relatively high meridionality. These conditions corresponded to a relatively steep temperature gradient in the Norwegian–Greenland Sea, and to an interval of increased deep-water renewal that is coeval with relatively low global sea level stands. Biogenic siliceous sedimentation dominated during intervals with diminished surface-water exchange between the North Atlantic and the Norwegian Sea, high eustatic sea level, warm climate, and isolation of deep-water masses in the Norwegian Sea (Fig. 12).

Based on particle fraction data and the relationships described above, the onset of effective deep-water outflow from the Norwegian Sea and into the North Atlantic may be dated at about 13.6 Ma (Fig. 12), when a correlation is made with respect to the first major carbonate interval. A drastic increase in carbonate deposition is observed above a hiatus of 13.5 to 10.2 Ma (Goll, this volume; Fig. 12). A small interval characterized by biogenic calcareous deposits is recorded from deeper levels of Hole 642B at about 201 mbsf. This interval corresponds to an age of about 16.9 Ma; another small carbonate peak occurs at about 142 mbsf in Hole 643A, corresponding to an age of about 15.2 Ma (Goll, this volume). A further indicator of major

change in deep water of the Norwegian–Greenland Sea caused by the initiation of the Greenland–Scotland Ridge overflow may be documented in the total organic carbon (TOC) record of Site 642 (Fig. 7). A major shift from higher TOC values (>1%) to distinctly lower values (<1%) is observed at 165 mbsf, corresponding to an age of about 13.6 Ma. In early and middle Miocene higher carbon percentages indicate low oxygen concentration in the bottom waters in the Norwegian–Greenland Sea. The beginning of the deep-water overflow into the North Atlantic is reflected by a drop in TOC content caused by the increased renewal rate of deep water within the Norwegian–Greenland Sea. Initiation of Greenland–Scotland Ridge overflow at this time correlates well with data showing enhanced bottom-current activity in abyssal realms of the North Atlantic, e.g., the development of major sediment drifts at the end of the middle Miocene (Miller and Tucholke, 1983).

Section A is characterized by comparatively high-frequency fluctuations of sediment composition. These data reveal a signal of climate variations which have previously been interpreted to be controlled mainly by complex interactions between the ocean and the atmosphere due to coupling effects of short- and long-term Earth-orbital parameters (Broecker and van Donk, 1970; Berger, 1981; Pisias and Moore, 1981; Imbrie et al., 1984; Ruddiman and McIntyre, 1981a, 1984). Coarse-fraction component analysis of Section A sediments record a rapid alternation of moderate-amplitude variations in biogenic calcareous particles and of high-amplitude changes in terrigenous particle content due to the effects of Plio-Pleistocene glacial and interglacial conditions.

The distinct increase in coarse-fraction percentages in all Leg 104 cores with Section A assemblages must be related to input of ice-rafted debris (IRD). Ice-rafting starts in Hole 642B at 66.70 mbsf, Hole 643A at 51.26 mbsf, and Hole 644A at 233.10 mbsf (Figs. 3, 4, 5). At Sites 643 and 642 a hiatus (2.6 to 3.1 or 3.2 Ma) is recorded just below the glacial-interglacial unit based on combined biostratigraphic and paleomagnetic evidence (Goll, this volume, Bleil et al., this volume). The age value was calculated using linear sedimentation rates (LSR) down from the paleomagnetic fix at 64.65 mbsf (Matuyama-Gauss) in Hole 642B and at 49.46 mbsf (Matuyama-Gauss) in Hole 643A. Sedimentological evidence for a major change in LSR is just above 67 mbsf in Hole 642B and 52 mbsf in Hole 643A. As such, the age for the major onset of IRD deposition is around 2.56 Ma in all three holes.

The age of the major onset of IRD represented North American-Eurasian glaciation is still the subject of discussion. The major IRD input to deep-sea sediments was reported at 2.4–2.5 Ma (Shackleton et al., 1984: Hole 552A = 2.4 Ma; Raymo et al., 1986: Hole 609B = 2.45 Ma; Arthur et al., 1986: Site 646 and 647 = 2.5 Ma). It is well established that the first glaciation in Iceland started at about 3.1 to 3.0 Ma (McDougall and Wensink, 1966; Einarsson et al., 1967; Eiriksson, 1980). Leg 104 drill sites are located 10° to 15° latitude north of Site 552A and Site 609B. One might expect a slightly earlier onset of IRD at the Norwegian–Greenland Sea. This idea is consistent with a fluctuating southward progressing glaciation front in the Northern Hemisphere between 3.1 and 2.5 Ma. A first input of IRD starting as early as 8 Ma was reported from Site 645 (Baffin Bay), which was drilled during Leg 105 at almost the same latitude as Leg 104 drill sites (Arthur et al., 1986).

The oceanographic regime is mirrored by type I and type III sediment assemblages distributions. These distributions document an alternating advance and retreat of polar water masses which agree with those described in previous studies (McIntyre et al., 1972; Ruddiman and McIntyre, 1977; Kellogg, 1975b). The maximum amplitude of the type III assemblage indicates mainly the transition times both from glacial to interglacial conditions and from interglacial to glacial times (compare also Henrich, this volume.). A predominant accumulation of IRD during these transition zones is well known from the Arctic Ocean (Zahn et al., 1985). High- to intermediate-amplitude changes of type I assemblages provide evidence for intervals of selected intrusion of relatively warm North Atlantic surface water during interglacial times. Today, these intrusions reach the Norwegian Sea as the Norwegian Current (compare also Kellogg, 1975b; Bjørklund and Goll, 1979).

Major shifts in coarse-fraction composition, carbonate and dissolution records, and oxygen/carbon isotope records of planktonic and benthic foraminifers in all Leg 104 drill sites reflect three different climatic periods with variable glacial-interglacial regimes in the Norwegian–Greenland Sea during the past 2.56 Ma.

The interval from 2.56 to 1.0 or 1.2 Ma reveals low carbonate plankton productivity associated with enhanced carbonate dissolution at Sites 642, 643, and 644 (Henrich, this volume), a very light planktonic oxygen isotope signal (Jansen et al., in press; Jansen et al., this volume), and low-amplitude, high-frequency oscillations of coarse-fraction percentages and contents of ice-rafted debris. In Hole 644A, assemblage type I is predominantly composed of calcareous benthic foraminifers. Additionally, significant admixtures of biogenic opal preferably occur in coarse-fraction type I. The interval between 2.2 to 2 Ma is characterized by higher percentages of radiolarians and diatoms. The following short section contains increased abundances of ice rafted debris.

These observations indicate rather isolated, strongly corrosive deep waters over the Vøring Plateau. The frequent occurrence of benthic foraminifers at Site 644 indicates that some mechanism of oxygenation of bottom waters was still operating. Surface-water conditions were characterized by pack ice and ice rafting interrupted only by periodic carbonate productivity at Site 644. A tendency to lowered salinities in surface waters is indicated by the light isotopic ratios of planktonic foraminifers (Jansen et al., this volume). Increased nutrient supply at Site 644 close to coastal regions might have favored the production of biogenic silica and the threefold sedimentation rates at this site might have enhanced opaline silica preservation (Bohrmann, 1988). In conclusion, the Norwegian Sea climatic conditions from 2.56 Ma to 1.0 or 1.2 Ma are characterized by an overall temperate glacial climate interrupted only by periodic intrusions of a weak Norwegian Current that was then much narrower in extension and strictly bound to near coastal areas. Such an isolation of the Norwegian–Greenland Sea might be achieved when Greenland and Scandinavia were covered by smaller but much more persistent ice sheets resulting in a more zonal circulation (Jansen et al., in press).

The interval from 1.2 to 0.6 Ma is characterized by a shift toward heavier oxygen isotope ratios of planktonic foraminifers, a gradual decrease in carbonate dissolution (Henrich, this volume), and a change in the frequency of coarse-fraction oscillations. The interval younger than 0.6 Ma contains high-amplitude, low-frequency changes in carbonate records and coarse-fraction composition. Hence, extensive carbonate dissolution over the Vøring Plateau is restricted to late glacial/early deglacial configurations and to minor deglaciations within glacial periods (Henrich, this volume). Several mechanisms can be considered as triggers for climatic changes in this time interval. The most likely mechanism is probably variations in the Earth's orbit (Milankovitch cycles).

The cyclic character of type III assemblages, which are excellently developed in rock fragment and quartz abundances is difficult to interpret. In the Brunhes epoch, P_{terr} 1 and 2 may reflect two long-term fluctuations perhaps associated with the 400-k.y. long-term eccentricity cycle (Berger 1981, Berger et al.,

1984). In contrast, P_{terr} 3 and 4 represent a time span of approximately 1.8 m.y., which is not easy to explain. Nevertheless, rock fragment and quartz content data clearly document coupling of terrigenous input to the well-known elements of the Milankovitch cyclicity.

CONCLUSIONS

Analyses of coarse-fraction composition of Leg 104 cores indicate:

1. A major deep-water exchange occurred between the Norwegian–Greenland Sea and the North Atlantic in the middle to late Miocene interval (at approximately 13.6 Ma).
2. Cooling and increased deep-water production took place in the Norwegian–Greenland Sea during the late Miocene and early Pliocene (between 13.6–5.6 Ma and 4.8–3.1 Ma).
3. Relatively warm periods and isolated deep-water conditions are documented for times prior to 13.6 Ma and at 5.6—4.8 Ma.
4. A major onset of IRD deposition occurred at the Vøring Plateau during the late Pliocene at 2.56 Ma.
5. Possibly two long-term fluctuations are revealed by rock fragment and quartz contents within the Brunhes epoch.

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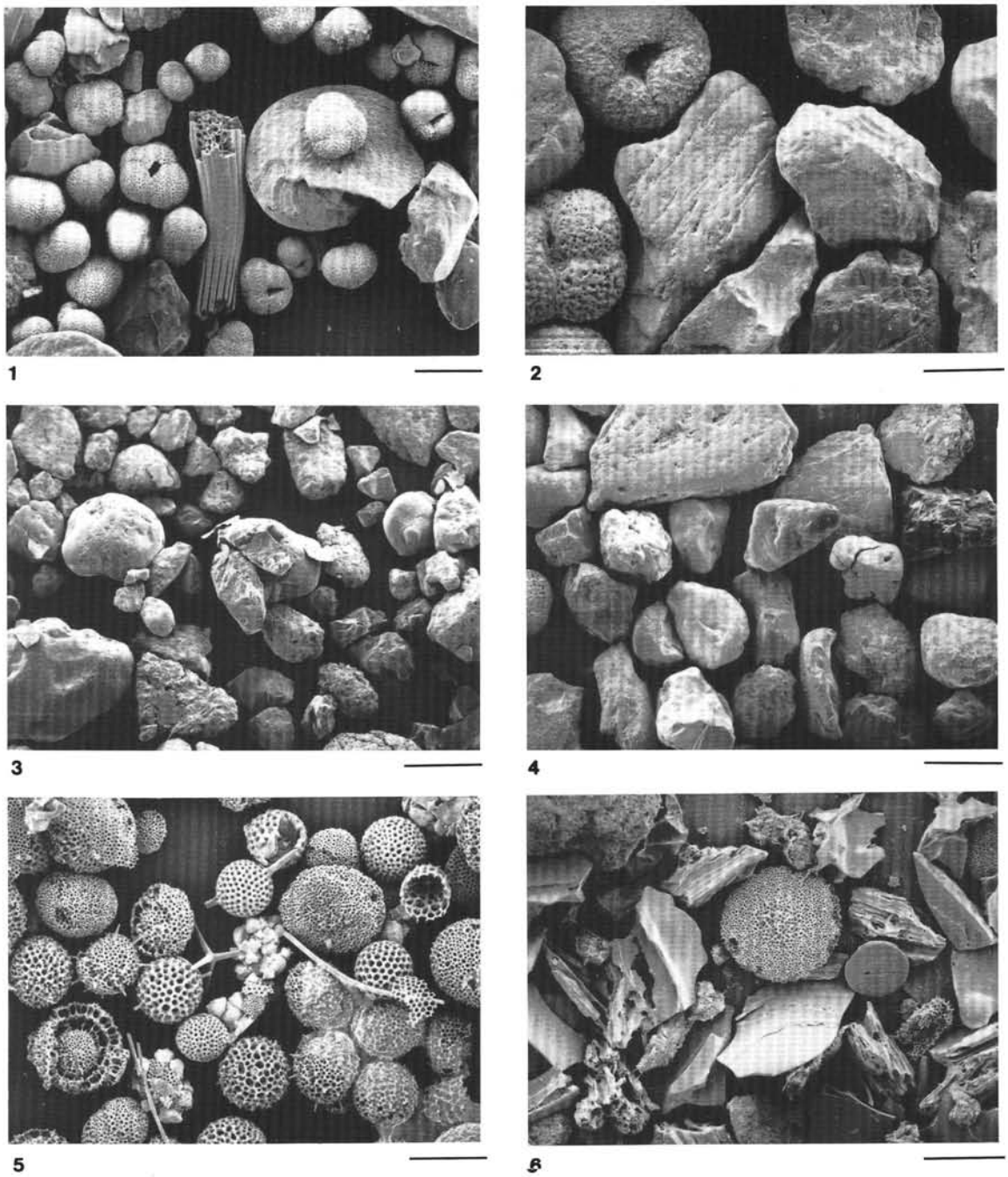

Plate 1. **1.** Sample 104-642B-3H-4, 106 cm (scale bar: 200 μm): Coarse-fraction type I assemblage characterized by planktonic and benthic foraminifers (note some lithogenic particles and an echinoid fragment). **2.** Sample 104-644A-lH-5, 82 cm (scale bar: 100 μm): Mixed particle association of types I and II. **3.** Sample 104-642B-9H-1, 28 cm (scale bar: 400 μm): First onset of type III assemblage in the fraction >63μm. **4.** Sample 104-642B-3H-2, 106 cm (scale bar: 200 μm): Coarse-fraction type III assemblage. **5.** Sample 104-642D-3X-3, 113 cm (scale bar: 200 μm): Coarse-fraction assemblage type IIa and IIb characterized by radiolarians and smaller amounts of sponge spicules. **6.** Sample 104-642B-20H-6, 103 cm (scale bar: 200 μm): Vitric tephra (type IV assemblage) associated with radiolarians and diatoms.

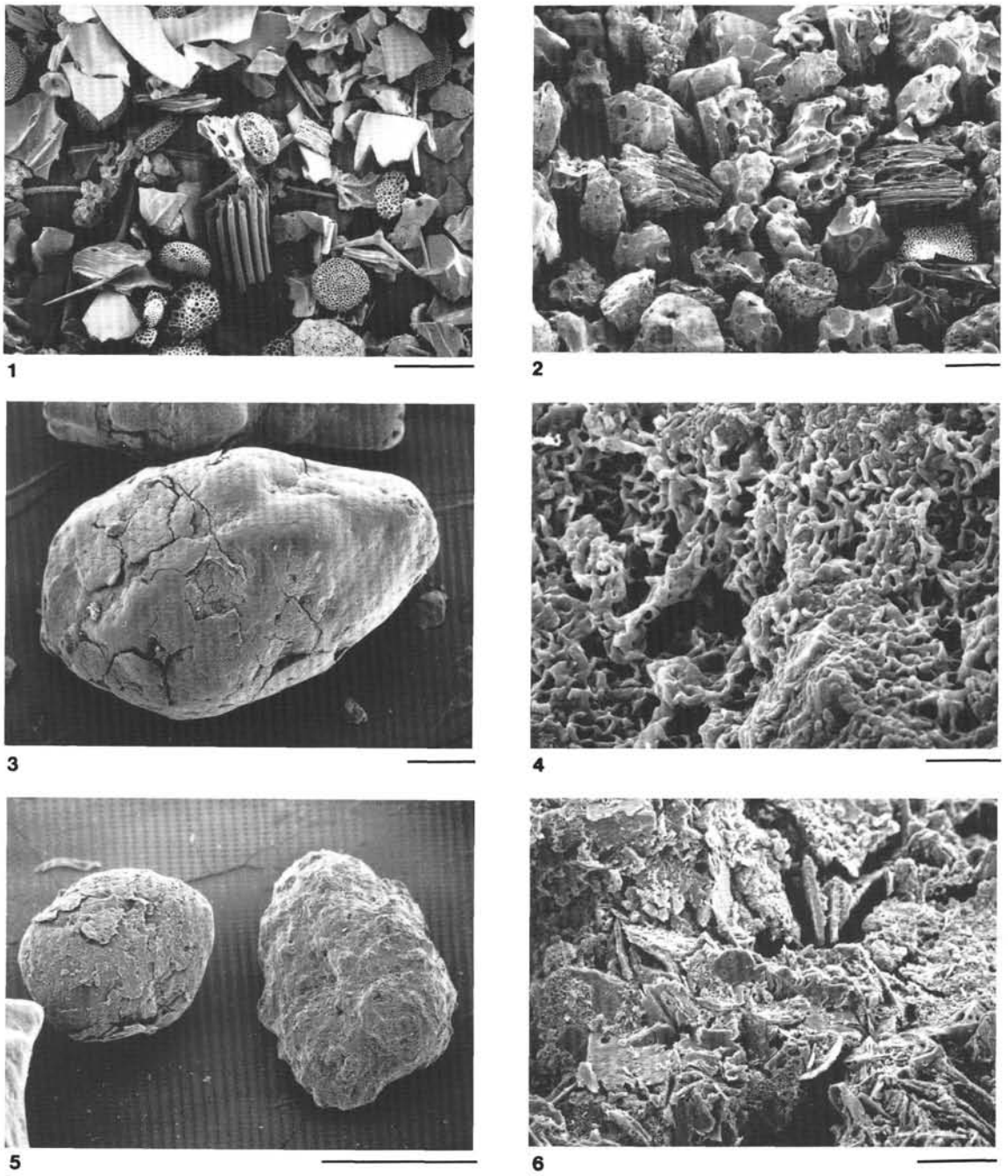

Plate 2. **1.** Sample 104-642D-7X-4, 103 cm (scale bar: 200 μm): Volcanic ash layer (type IV assemblage) composed of vitric glass shards showing different degrees of vesicularity and stretching. **2.** Sample 104-642B-15H-3, 113 cm (scale bar: 200 μm). Mixed type of coarse-fraction association (types II and III). **3.** Sample 104-642D-13X-3, 105 cm (scale bar: 100 μm): Strongly altered tephra components showing authigenic clay mineral fabric. **4.** Sample 104-642D-13X-3, 105 cm (scale bar: 4 μm): Detail of 3. **5.** Sample 104-642D-13X-4, 40 cm (scale bar: 200 μm): Different peloids of altered ash fragments. **6.** Sample 104-642D-13X-4, 40 cm (scale bar: 20 μm): Detail of the peloid from 5., showing shard structures with partly authigenic clay minerals.

APPENDIX

Table 1.1. Sedimentological data from Hole 642B. Analysis of coarse-fraction component.

Sample no.	Depth (mbsf)	>63 μm (%)	Bulk $CaCO_3$ (%)	TOC (%)
1H-1- 40	0.42	14.04	3.55	0.37
1H-1- 74	0.76		2.60	0.41
1H-1- 96	0.98	13.93	6.59	0.28
1H-2- 40	1.92	6.05	3.39	0.26
1H-2- 74	2.26		2.82	0.45
1H-2- 96	2.48	2.27	1.37	0.32
1H-3- 40	3.42	12.57	2.80	0.34
1H-3- 74	3.76		2.34	0.41
1H-3- 96	3.98	19.45	11.56	0.20
1H-C- 14	4.66		14.18	0.37
2H-1-112	5.94	11.38	5.81	0.24
2H-2- 36	6.68		2.80	0.37
2H-2- 53	6.85	7.65	5.44	0.24
2H-2-112	7.44	11.60	7.60	0.24
2H-3- 36	8.18		4.96	0.47
2H-3- 53	8.35	16.24	18.12	0.30
2H-3-112	8.94	8.36	4.14	0.31
2H-4- 36	9.68		1.54	0.41
2H-4- 53	9.85	12.35	4.02	0.33
2H-4-112	10.44	12.05	4.81	0.23
2H-5- 36	11.18		5.30	0.43
2H-5- 53	11.35	9.85	6.81	0.27
2H-5-112	11.94	13.44	0.92	0.30
2H-6- 36	12.68		0.50	0.66
2H-6- 53	12.85	9.65	2.94	0.46
2H-C- 1	14.18		1.17	0.60
3H-1- 36	14.68		2.81	0.40
3H-1- 44	14.76	8.12	16.30	0.28
3H-1-106	15.38	21.41	3.29	0.58
3H-2- 36	16.18		1.12	0.33
3H-2- 44	16.26	25.30	1.76	0.44
3H-2-106	16.88	12.05	8.84	0.24
3H-3- 36	17.68		3.69	0.35
3H-3- 44	17.76	5.95	6.62	0.29
3H-3-106	18.38	7.11	7.71	0.28
3H-4- 36	19.18		8.42	0.58
3H-4- 44	19.26	2.93	14.10	0.26
3H-4-106	19.88	3.37	30.30	0.26
3H-C- 9	20.61		9.89	0.61
4H-1- 35	21.07		2.56	0.52
4H-1- 43	21.13	10.84	3.64	0.46
4H-1-113	21.70	15.07	4.10	0.36
4H-2- 35	22.50		2.70	0.44
4H-2- 43	22.57	14.21	3.35	0.44
4H-2-113	23.14	8.25	16.07	0.44
4H-3- 35	23.93		2.58	0.39
4H-3- 43	24.01	8.03	3.03	0.32
4H-3-113	24.68	21.01	9.44	0.42
4H-4- 35	25.36		0.28	0.41

Table 1.1 (continued).

Sample no.	Depth (mbsf)	>63 μm (%)	Bulk $CaCO_3$ (%)	TOC (%)
4H-4- 43	25.44	6.68	0.87	0.38
4H-4-113	26.10	16.36	1.74	0.37
4H-5- 35	26.80		0.34	0.56
7H-2-131	50.11	5.95	0.00	0.77
7H-3- 20	50.49	15.57	1.25	1.02
7H-3- 64	51.06		0.04	0.51
7H-3-131	51.55	13.99	0.15	0.30
7H-4- 15	51.88	12.64	1.12	0.31
7H-4- 64	52.56		0.04	0.26
7H-4-105	52.74	18.91	0.00	1.51
7H-5- 41	53.56	5.50	0.00	0.31
7H-5- 64	54.06		0.03	0.68
7H-5-120	54.32	6.40	0.00	0.53
7H-6- 32	54.92	13.64	0.00	0.26
7H-6- 64	55.26		0.02	0.35
7H-6-120	55.76	14.94	0.70	0.65
7H-7- 12	56.16	4.83	0.00	0.50
7H-7- 56	56.59	8.93	9.54	0.47
7H-7- 64	57.06		0.03	0.66
7H-C- 4	57.16		0.03	0.63
8H-1- 55	57.45	10.72	0.68	1.05
8H-1- 64	57.56		0.35	0.89
8H-1- 88	57.78	3.30	0.17	0.38
8H-2- 19	58.56	6.32	0.00	0.57
8H-2- 64	59.06		0.03	0.70
8H-2-137	59.71	5.76	0.00	0.42
8H-3- 15	59.98	9.85	0.00	0.49
8H-3- 64	60.56		0.03	0.66
8H-3-113	60.94	19.49	1.32	0.70
8H-4- 19	61.48	1.03	0.00	0.82
8H-4- 64	62.06		0.02	0.56
8H-4-112	62.39	21.64	0.00	1.41
8H-5- 20	62.95	38.05	0.00	0.53
8H-5- 64	63.56		0.03	0.46
8H-5-119	63.91	17.81	0.16	0.37
8H-6- 20	64.41	1.50	0.09	0.34
8H-6- 64	64.83		0.05	0.48
8H-6- 94	65.13	21.16	0.16	0.33
8H-7- 18	65.85	7.70	0.06	0.31
8H-7- 44	66.10	11.58	0.00	0.38
8H-C- 10	66.32		0.00	0.38
9H-1- 28	66.69	12.80	0.00	0.39
9H-1- 52	66.94		26.82	0.35
9H-1-137	67.74	0.27	17.75	0.41
9H-2- 28	68.13	1.11	17.89	0.47
9H-2- 52	68.44		9.13	0.39
9H-2-137	69.18	0.48	43.01	0.60
9H-3- 28	69.58	0.32	49.15	0.56
9H-3- 52	69.94		48.21	0.53

Table 1.1 (continued).

Sample no.	Depth (mbsf)	>63 μm (%)	Bulk $CaCO_3$ (%)	TOC (%)
9H-3- 96	70.23	9.04	5.84	0.35
9H-4- 28	71.02	0.13	25.89	0.82
9H-4- 52	71.44		23.10	0.70
9H-4-137	72.07	0.19	27.66	0.75
9H-5- 28	72.46	0.10	24.91	0.78
9H-5- 52	72.94		24.16	0.61
9H-5-137	73.51	0.75	17.67	0.48
9H-6- 28	73.91	0.57	38.53	0.54
9H-6- 52	74.44		38.49	0.60
9H-6-137	74.96	0.20	42.91	0.55
9H-7- 34	75.41	2.89	44.90	0.64
9H-7- 52	75.44		50.16	0.50
9H-7- 56	75.62	1.83	46.17	0.57
9H-C- 8	76.02		35.70	0.48
10H-1- 52	76.44		38.01	0.48
10H-1- 58	76.48	0.29	26.43	0.51
10H-2- 52	77.86		21.72	0.79
10H-2- 58	77.92	1.42	4.74	1.05
10H-3- 52	79.31		37.92	0.69
10H-3- 58	79.37	0.45	33.09	0.80
10H-4- 52	80.76		36.61	0.57
10H-4- 58	80.82	0.91	31.33	0.70
10H-5- 52	82.20		13.19	0.70
10H-5- 58	82.26	1.34	13.30	0.70
10H-6- 52	83.65		0.03	0.72
10H-6- 58	83.71	6.89	0.00	0.89
10H-7- 52	85.10			0.81
10H-7- 58	85.16	0.63	0.00	0.83
10H-C- 15	85.63		0.01	0.94
11H-1- 54	85.94	0.28	0.00	0.78
11H-2- 46	87.29		0.11	0.82
11H-2- 54	87.37	2.59	0.00	0.74
11H-3- 46	88.73		5.85	0.61
11H-3- 54	88.81	0.63	11.59	0.56
11H-4- 54	90.25	0.11	0.00	0.50
11H-5- 46	91.60		2.32	0.58
11H-5- 54	91.68	0.19	3.68	0.45
11H-6- 54	93.12	0.19	1.82	0.54
11H-7- 46	94.48		0.02	0.71
11H-7- 54	94.56	1.05	0.00	0.45
11H-C- 12	95.04		0.22	0.62
12H-1- 61	95.53	0.10	1.48	0.42
12H-1- 67	95.59		0.09	0.56
12H-2- 61	97.03	0.82	0.00	0.61
12H-2- 67	97.09		0.00	0.61
12H-3- 61	98.53	0.32	0.00	0.69
12H-4- 61	100.03	2.24	0.00	0.64
12H-4- 67	100.09		0.00	0.93
12H-5- 61	101.52	6.48	0.00	0.78
12H-5- 67	101.59		0.00	0.62

Table 1.1 (continued).

Sample no.	Depth (mbsf)	>63 μm (%)	Bulk $CaCO_3$ (%)	TOC (%)
12H-6- 61	103.02	0.36	5.64	0.57
12H-6- 67	103.09		4.30	0.71
12H-7- 13	104.52	1.55	0.35	0.75
13H-1-104	105.26	3.37	0.00	0.82
13H-2- 74	106.46		6.78	0.77
13H-2-104	106.76	1.33	0.16	0.67
13H-3-104	108.26	0.42	27.61	0.53
13H-4- 74	109.46		40.60	0.56
13H-4-104	109.76	0.28	34.48	0.38
13H-5- 74	110.96		39.66	0.52
13H-5-104	111.26	0.47	36.62	0.36
13H-6- 74	112.46		43.45	0.60
13H-6-104	112.76	0.83	28.68	0.45
13H-C- 14	113.85		0.00	0.49
14H-1- 95	114.96	21.42	0.00	0.55
14H-C- 6	123.33		0.01	0.06
15H-1-113	124.90	0.98	9.09	0.67
15H-2- 74	125.76		3.60	0.89
15H-2-113	126.15	0.54	7.41	0.76
15H-3-113	127.65	1.52	11.94	0.89
15H-C- 7	128.04		13.86	0.80
16H-1-116	129.28	2.65	0.82	1.18
16H-2- 69	130.31		0.02	1.17
16H-2-116	130.78	2.85	0.76	1.16
16H-4- 69	131.81		0.01	1.26
16H-4-116	132.28	0.74	0.07	1.09
16H-5- 69	133.31		0.22	1.29
16H-5-116	133.78	0.65	2.45	1.29
16H-6- 69	134.81		13.41	1.19
16H-6-116	135.28	0.78	26.05	0.87
16H-7- 69	136.31		3.44	1.18
16H-7-116	136.78	5.31	8.56	0.87
16H-C- 8	137.75		6.04	0.82
17H-1- 71	138.73		13.60	1.08
17H-1-114	139.16	2.48	13.71	0.89
17H-2- 71	140.23		1.16	0.92
17H-2-114	140.66	0.73	5.08	0.94
17H-3- 71	141.73		8.22	0.98
17H-3-114	142.16	1.27	0.70	1.17
17H-4- 71	143.23		0.00	0.80
17H-4-114	143.66	0.17	4.36	0.69
17H-5- 71	144.73		0.11	0.55
17H-5-114	145.16	1.09	1.62	0.81
17H-6- 71	146.23		1.44	0.88
17H-6-116	146.66	0.50	4.99	0.83
17H-C- 13	147.67		1.19	0.83
18H-1- 72	148.54		11.50	0.75
18H-1-114	148.96	0.27	7.80	0.83
18H-2- 72	150.04		4.64	0.77
18H-2-114	150.46	1.48	5.10	0.89

Table 1.1 (continued).

Sample no.	Depth (mbsf)	>63 μm (%)	Bulk $CaCO_3$ (%)	TOC (%)
18H-3- 72	151.54		3.82	0.71
18H-3-114	151.96	2.01	5.76	0.90
18H-4- 72	153.04		9.48	0.82
18H-4-114	153.46	1.55	12.20	0.67
18H-5- 82	154.64		21.37	0.70
18H-5-114	154.96	7.02	33.17	0.63
18H-6- 72	156.04		16.40	0.80
18H-6-114	156.46	0.55	26.96	0.56
18H-C- 0	157.64		45.32	0.64
19H-1- 72	158.44		33.49	0.75
19H-1-105	158.77	1.30	27.08	0.56
19H-2- 89	160.11		9.81	0.81
19H-2-105	160.27	0.92	5.42	0.78
19H-3- 72	161.44		6.46	0.89
19H-3-105	161.77	0.73	2.81	0.89
19H-4- 72	162.94		11.18	1.20
19H-4-105	163.27	2.74	7.25	1.03
19H-5- 72	164.44		0.00	0.98
19H-5-105	164.77	1.02	0.00	1.55
19H-6- 72	165.94		0.00	1.79
19H-6-105	166.27	0.51	0.00	1.83
19H-C- 1	167.31		0.00	2.26
20H-1- 71	168.13		0.00	2.29
20H-1-103	168.44	2.37	0.00	2.19
20H-2- 71	169.63		0.00	1.69
20H-2-103	169.92	3.59	0.00	1.77
20H-3- 71	171.13		0.00	1.86
20H-3-103	171.41	1.69	0.00	2.51
20H-4- 71	172.08		0.00	2.03
20H-4-103	172.40	3.91	0.00	5.59
20H-5- 71	174.13		0.00	1.68
20H-5-103	174.38	5.53	0.00	1.54
20H-6- 71	175.63		0.00	2.17
20H-6-103	175.87	11.69	0.00	1.60
20H-C- 9	176.97		0.00	2.75
21H-1- 74	177.86		0.00	2.29
21H-1-104	178.16	1.56	0.00	2.12
21H-2- 74	179.36		0.00	2.12
21H-2-104	179.66	2.72	0.00	1.83
21H-3- 74	180.86		0.00	1.70
21H-3-104	181.16	15.87	0.00	1.53
21H-4- 74	182.36		0.00	2.21
21H-4-104	182.66	3.90	0.00	1.92
21H-5- 74	183.86		0.00	2.04
21H-5-105	184.16	2.16	0.00	1.56
21H-6- 74	185.36		0.00	2.14
21H-6-104	185.66	1.02	0.00	2.13
22H-1- 55	187.26	3.58	0.00	1.54
22H-2- 55	188.74	12.04	0.00	0.59
22H-3- 55	190.22	2.34	0.00	2.26

Table 1.1 (continued).

Sample no.	Depth (mbsf)	>63 μm (%)	Bulk $CaCO_3$ (%)	TOC (%)
22H-4- 55	191.70	0.87	0.00	1.83
22H-5- 55	193.17	0.58	0.00	1.41
22H-6- 55	194.65	15.87	0.00	0.90
22H-7- 45	196.03	29.22	0.00	0.93
23H-1- 6	196.07	18.83	0.00	0.80
23H-2- 12	197.62	2.50	0.00	1.22
23H-3- 12	199.11	1.57	0.00	1.30
23H-4- 12	200.60	0.64	0.00	1.09
23H-5- 12	202.09	0.53	6.00	1.12
23H-6- 12	203.58	1.36	0.00	1.02
23H-7- 12	205.07	0.34	0.00	1.20
24H-1-103	206.64	0.54	0.00	1.08
24H-2-103	208.14	0.92	0.00	0.97
24H-3-103	209.64	0.80	0.00	1.10
24H-4-103	211.14	0.68	0.00	1.05
24H-5-103	212.64	0.15	0.00	1.41
25H-1- 96	214.07	0.56	0.00	1.08
25H-2- 96	215.56	0.47	0.00	1.15
25H-3- 96	217.05	0.65	0.00	1.33
25H-4- 96	218.53	0.39	0.00	1.08
25H-5- 96	220.02	0.30	0.00	1.02

Table 1.1 (continued).

Sample no.	Depth (mbsf)	Grain amount percentages											
		Benthic foram. (%)	Plankt. foram. (%)	Rads. (%)	Diatoms (%)	Sponge Spicule (%)	Quartz (%)	Feldspar (%)	Mica (%)	Rock fr. (%)	Hev. min. (%)	Volc. gl. (%)	Auth. (%)
1H-1- 40	0.42	0.30	10.30	0.00	0.00	0.00	47.90	20.90	0.00	18.30	1.00	0.00	0.40
1H-1- 96	0.98	0.40	38.50	0.00	0.00	0.00	39.40	12.90	0.00	7.50	0.20	0.40	0.80
1H-2- 40	1.92	0.20	44.80	0.00	0.00	0.00	32.40	10.20	0.00	10.50	0.20	0.80	0.00
1H-2- 96	2.48	1.00	15.30	0.00	0.00	0.00	59.40	6.80	0.10	8.30	0.10	1.20	0.90
1H-3- 40	3.42	0.90	53.80	0.30	0.00	0.00	25.20	9.10	0.00	9.40	0.40	0.30	0.40
1H-3- 96	3.98	1.80	66.40	0.00	0.00	0.60	25.40	2.20	1.00	1.80	0.00	0.30	0.50
2H-1-112	5.94	2.60	56.80	0.00	0.00	0.00	32.40	0.20	0.70	5.10	2.00	0.00	0.00
2H-2- 53	6.85	1.10	47.10	0.00	0.00	0.40	40.80	3.20	1.20	5.10	0.00	0.40	0.70
2H-2-112	7.44	1.20	56.00	0.00	0.00	0.00	34.40	1.00	0.80	5.70	0.20	0.00	0.70
2H-3- 53	8.35	5.00	89.70	0.00	0.00	0.00	4.00	0.40	0.00	0.90	0.00	0.00	0.00
2H-3-112	8.94	0.90	41.50	0.00	0.00	0.00	42.90	1.80	1.50	10.60	0.10	0.00	0.30
2H-4- 53	9.85	0.40	12.10	0.00	0.00	0.10	68.90	3.30	1.90	12.60	0.00	0.00	0.40
2H-4-112	10.44	1.60	34.00	0.00	0.00	0.80	53.00	3.40	1.50	5.10	0.00	0.00	0.20
2H-5- 53	11.35	3.40	76.30	0.00	0.00	0.00	14.50	1.60	0.50	2.90	0.20	0.40	0.40
2H-5-112	11.94	0.00	6.40	0.00	0.00	0.00	74.70	9.00	1.00	7.40	0.20	0.00	1.30
2H-6- 53	12.85	0.80	4.40	0.00	0.00	0.00	69.60	6.20	2.50	15.40	0.40	0.00	0.60
3H-1- 44	14.76	3.80	73.60	0.00	0.00	0.20	17.70	0.50	0.00	4.30	0.00	0.00	0.00
3H-1-106	15.38	0.20	1.00	0.00	0.00	0.00	81.40	5.10	0.30	8.80	1.30	0.00	1.90
3H-2- 44	16.26	0.00	1.10	0.00	0.00	0.00	72.60	11.70	2.00	11.50	0.20	0.00	0.80
3H-2-106	16.88	1.30	11.40	0.00	0.00	0.00	71.60	5.30	1.20	6.90	1.10	0.50	0.70
3H-3- 44	17.76	0.30	11.10	0.00	0.00	0.00	67.70	1.90	4.10	5.50	0.30	8.00	0.30
3H-3-106	18.38	0.20	14.60	0.00	0.00	0.20	74.90	2.90	0.50	3.40	0.50	2.70	0.20
3H-4- 44	19.26	0.80	62.70	0.00	0.00	0.20	28.80	0.80	0.30	5.20	0.50	0.50	0.20
3H-4-106	19.88	1.40	84.50	0.20	0.00	0.30	6.70	0.00	0.00	1.80	0.00	0.40	0.10
4H-1- 43	21.13	2.10	27.20	0.00	0.00	0.00	60.30	0.50	1.60	5.90	0.50	1.40	0.30
4H-1-113	21.70	0.80	28.00	0.00	0.00	0.20	58.90	1.00	0.70	6.30	0.30	3.60	0.00
4H-2- 43	22.57	0.40	11.10	0.00	0.00	0.00	80.70	1.90	1.10	1.90	0.60	1.90	0.40
4H-2-113	23.14	6.20	84.40	0.00	0.00	0.00	8.20	0.00	0.00	0.70	0.00	0.50	0.00
4H-3- 43	24.01	2.70	25.80	0.00	0.00	0.00	55.70	2.00	0.30	6.70	0.50	5.90	0.50
4H-3-113	24.68	4.40	52.00	0.00	0.00	0.00	34.60	0.20	0.20	8.10	0.00	0.20	0.30
4H-4- 43	25.44	0.20	1.80	0.00	0.00	0.00	83.80	1.00	1.10	11.20	0.20	0.50	0.30
4H-4-113	26.10	0.20	6.30	0.00	0.00	0.00	80.00	3.30	1.80	7.60	0.00	0.50	0.40
4H-5- 43	26.88	0.00	0.00	0.00	0.00	0.00	87.70	3.00	0.20	7.80	0.50	0.40	0.50
4H-5-113	27.56	4.50	30.90	0.20	0.00	0.70	49.90	2.60	0.20	7.10	0.50	0.50	2.70
4H-6- 43	28.32	0.50	2.80	0.00	0.00	0.00	78.10	1.30	1.40	12.00	0.30	2.60	0.90
4H-6-113	28.99	2.10	7.50	0.00	0.00	0.00	78.10	2.60	0.70	7.70	0.30	0.10	0.50
5H-1- 33	29.72	0.80	4.30	0.00	0.00	0.00	79.80	2.40	0.70	8.90	0.90	0.20	1.60
5H-1- 99	30.34	4.00	28.70	0.00	0.00	0.00	60.90	0.50	0.30	4.00	0.60	0.00	0.60
5H-2- 33	31.11	0.50	4.20	0.00	0.00	0.00	79.60	2.80	1.20	8.50	0.30	0.50	1.50
5H-2- 99	31.71	0.40	6.10	0.00	0.00	0.20	81.20	1.80	0.70	5.50	2.00	1.10	0.70
5H-3- 33	32.00	0.00	0.00	0.00	0.00	0.00	81.80	2.70	0.70	13.10	0.50	0.00	0.90
5H-3- 99	33.12	0.00	0.70	0.00	0.00	0.00	85.90	3.20	1.40	5.80	0.20	0.80	0.20
5H-4- 33	33.89	0.30	23.90	0.00	0.00	0.00	66.80	1.70	2.80	2.60	0.60	0.60	0.50
5H-4- 99	34.51	0.00	0.00	0.00	0.00	0.00	85.60	2.60	3.30	7.00	0.50	0.00	0.90
5H-5- 33	35.29	0.00	0.20	0.00	0.00	0.00	74.20	3.20	3.30	10.90	1.80	0.90	1.40
5H-5- 99	35.90	0.00	0.20	0.00	0.00	0.00	73.90	1.90	3.90	6.60	0.50	0.00	0.50
5H-6- 33	36.68	0.20	29.90	0.00	0.00	0.00	58.60	2.90	1.10	2.90	0.20	0.00	0.60
5H-6- 99	37.29	1.00	50.70	0.00	0.00	0.00	40.50	1.10	3.00	3.20	0.00	0.00	0.40
5H-7- 33	38.07	1.30	1.20	0.00	0.00	0.00	80.60	1.50	2.30	4.10	0.30	0.00	2.50
5H-7- 99	38.68	0.10	1.10	0.00	0.00	0.00	82.10	2.20	11.00	2.40	0.10	0.00	0.50

Table 1.1 (continued).

Sample no.	Depth (mbsf)	Grain amount percentages											
		Benthic foram. (%)	Plankt. foram. (%)	Rads. (%)	Diatoms (%)	Sponge Spicule (%)	Quartz (%)	Feldspar (%)	Mica (%)	Rock fr. (%)	Hev. min. (%)	Volc. gl. (%)	Auth. (%)
6H-1- 35	39.27	0.40	2.90	0.00	0.00	0.00	77.50	4.60	5.10	5.40	0.20	0.00	0.02
6H-1-104	39.96	0.00	0.00	0.00	0.00	0.00	72.90	5.30	0.70	17.90	1.90	0.00	0.50
6H-2- 54	40.96	0.90	0.20	0.00	0.00	0.00	81.60	6.70	2.40	4.40	1.50	0.00	0.80
6H-2-133	41.75	0.00	0.00	0.00	0.00	0.00	81.00	6.00	1.10	10.90	0.50	0.00	0.30
6H-3- 31	42.33	0.00	0.00	0.00	0.00	0.00	76.20	5.20	0.60	16.10	0.50	0.00	0.80
6H-3-119	43.11	0.00	0.00	0.00	0.00	0.00	74.80	5.20	12.40	5.70	0.90	0.00	0.70
6H-4- 11	43.53	0.00	0.00	0.00	0.00	0.00	70.50	5.90	1.90	18.60	0.60	0.00	1.00
6H-4- 92	44.34	0.00	0.00	0.00	0.00	0.00	78.30	5.50	4.90	8.40	1.50	0.00	0.90
6H-5- 34	45.26	0.00	0.00	0.00	0.00	0.00	74.60	6.00	11.80	6.00	0.70	0.00	0.40
6H-5-121	46.13	0.30	0.00	0.00	0.00	4.90	85.40	0.70	0.30	12.40	0.00	0.30	0.40
6H-6- 6	46.47	0.50	0.00	0.00	0.00	0.20	80.60	2.20	0.20	5.30	0.20	1.60	0.00
6H-6- 57	46.99	0.20	0.00	0.00	0.00	0.60	91.80	2.20	0.00	2.60	0.40	2.00	0.70
7H-1- 51	47.91	0.10	0.00	0.00	0.00	0.00	84.40	2.90	0.00	2.60	0.30	7.80	0.50
7H-1-131	48.68	0.00	0.00	0.00	0.00	0.20	92.60	0.30	0.00	6.40	0.40	0.10	0.60
7H-2- 20	49.05	0.50	0.00	0.00	0.00	0.00	90.50	1.40	0.00	6.00	0.20	0.30	0.50
7H-2-131	50.11	1.40	8.20	0.00	0.00	0.00	77.00	1.30	1.60	9.10	0.10	0.10	0.10
7H-3- 20	50.49	0.00	0.30	0.00	0.00	0.00	93.70	0.80	0.00	0.50	3.80	0.50	0.70
7H-3-131	51.55	0.00	0.30	0.00	0.00	0.00	94.20	0.80	1.10	2.30	0.00	1.00	0.30
7H-4- 15	51.88	0.00	0.00	0.00	0.00	0.00	93.80	1.00	0.50	3.50	0.00	1.20	0.20
7H-4-105	52.74	0.20	0.60	0.00	0.00	0.20	94.60	0.80	0.00	2.60	0.20	0.80	0.30
7H-5- 41	53.56	0.20	0.00	0.00	0.20	0.00	37.70	0.30	0.30	3.70	0.20	55.70	0.20
7H-5-120	54.32	0.00	0.60	0.00	0.00	0.00	84.70	0.00	0.00	13.20	0.30	1.30	0.30
7H-6- 32	54.92	0.00	0.00	0.00	0.00	0.00	91.20	0.00	0.50	2.40	0.00	5.30	0.50
7H-6-120	55.76	0.40	1.00	0.00	0.30	0.00	89.30	0.00	0.00	0.30	6.70	0.30	2.00
7H-7- 12	56.16	0.00	0.00	0.00	0.00	0.00	85.50	1.40	1.60	6.60	0.00	4.50	0.20
7H-7- 56	56.59	0.00	0.00	0.00	0.00	0.00	87.90	1.50	0.60	10.40	1.30	0.90	0.60
8H-1- 55	57.45	0.00	0.00	0.20	0.00	0.00	81.10	2.00	0.00	16.00	0.00	0.20	0.30
8H-1- 88	57.78	0.00	0.00	0.00	0.00	0.00	89.50	2.10	0.20	5.90	0.60	1.20	0.20
8H-2- 19	58.56	0.00	0.00	0.00	0.00	0.00	90.80	1.30	0.40	7.90	0.00	0.80	0.60
8H-2-137	59.71	0.00	0.00	0.00	0.00	0.00	90.80	1.10	0.40	4.10	0.00	3.40	0.20
8H-3- 15	59.98	0.00	0.00	0.00	0.00	0.00	70.10	3.50	10.40	10.10	0.50	0.00	0.30
8H-3-113	60.94	0.00	0.20	0.00	0.00	0.00	68.40	5.40	4.10	18.80	0.70	0.00	2.30
8H-4- 19	61.48	0.00	0.00	0.50	0.00	0.00	73.60	2.80	2.50	16.90	0.50	0.00	1.00
8H-4-112	62.39	0.00	0.00	0.00	0.00	0.00	78.40	4.30	0.30	15.60	0.30	0.00	0.30
8H-5- 20	62.95	0.00	0.10	0.10	0.00	0.00	79.30	4.10	3.70	11.30	0.60	0.00	0.50
8H-5-119	63.91	0.00	0.20	0.00	0.00	0.00	75.50	4.10	5.90	12.10	0.90	0.00	1.40
8H-6- 20	64.41	0.00	0.00	0.00	0.00	0.00	89.00	0.50	0.20	9.20	0.00	1.00	0.20
8H-6- 94	65.13	0.00	0.00	0.00	0.00	0.00	93.90	1.60	0.00	3.70	0.00	0.50	0.20
8H-7- 18	65.85	0.00	0.00	0.00	0.00	0.00	85.80	0.60	0.30	9.50	0.00	1.50	0.60
8H-7- 44	66.10	0.00	0.00	0.00	0.00	0.00	93.00	0.20	0.00	4.40	0.00	2.20	0.00
9H-1- 28	66.69	0.00	0.00	0.00	0.00	0.00	78.80	1.80	1.20	11.30	0.10	5.40	1.30
9H-1-137	67.74	0.40	8.10	3.20	8.40	2.80	74.10	0.20	1.80	0.00	0.00	0.00	0.90
9H-2- 28	68.13	1.40	59.50	1.30	2.00	15.30	6.30	0.00	0.00	2.40	0.00	11.70	0.00
9H-2-137	69.18	0.50	65.60	13.00	2.70	2.50	0.60	0.00	0.00	0.80	0.00	1.60	0.10
9H-3- 28	69.58	0.30	46.00	18.60	7.80	7.10	0.20	0.00	0.00	6.40	0.00	13.70	0.00
9H-3- 96	70.23	0.00	0.80	1.60	0.40	1.70	0.00	0.00	0.00	10.20	0.00	85.40	0.00
9H-4- 28	71.02	0.80	44.50	11.70	3.70	2.70	3.70	0.00	0.00	4.10	0.00	28.80	0.00
9H-4-137	72.07	0.50	33.70	25.80	12.40	8.80	3.70	0.00	0.00	4.00	0.00	12.80	0.00
9H-5- 28	72.46	5.50	15.70	57.00	11.90	0.00	0.20	0.00	0.00	0.80	0.00	6.20	0.20
9H-5-137	73.51	7.90	1.90	4.60	20.40	0.00	46.00	0.80	0.00	9.90	1.30	4.40	0.20

Table 1.1 (continued).

Sample no.	Depth (mbsf)	Grain amount percentages											
		Benthic foram. (%)	Plankt. foram. (%)	Rads. (%)	Diatoms (%)	Sponge Spicule (%)	Quartz (%)	Feldspar (%)	Mica (%)	Rock fr. (%)	Hev. min. (%)	Volc. gl. (%)	Auth. (%)
9H-6- 28	73.91	8.50	64.90	8.60	10.40	0.00	7.80	0.00	0.60	5.20	0.90	2.60	0.00
9H-6-137	74.96	6.70	7.30	9.20	18.40	3.50	28.10	0.00	0.50	18.10	0.00	8.10	0.00
9H-7- 34	75.41	2.50	21.20	0.80	1.30	0.00	2.50	0.00	0.00	1.80	0.00	1.80	68.70
9H-7- 56	75.62	4.20	9.90	11.10	9.90	0.00	3.80	0.00	0.00	0.00	0.00	0.00	42.80
10H-1- 58	76.48	17.60	34.50	13.20	22.80	1.20	4.00	0.00	0.00	1.00	0.40	2.20	0.80
10H-2- 58	77.92	2.80	7.20	17.70	13.60	5.80	0.00	0.00	0.00	2.60	0.00	3.20	33.30
10H-3- 58	79.37	18.40	34.70	8.70	9.30	17.10	0.40	0.00	0.00	1.50	0.00	0.70	0.80
10H-4- 58	80.82	15.60	9.70	16.50	14.70	34.60	1.00	0.00	0.00	1.70	0.10	4.60	0.50
10H-5- 58	82.26	4.10	15.80	15.10	35.90	2.40	0.00	0.00	0.00	0.00	0.00	25.70	0.30
10H-6- 58	83.71	0.00	0.00	9.30	13.40	6.10	0.00	0.00	0.00	2.80	0.00	66.70	7.70
10H-7- 58	85.16	0.00	0.00	38.30	27.90	24.00	0.40	0.00	0.00	0.00	0.00	1.60	0.00
11H-1- 54	85.94	0.00	0.00	40.40	12.50	40.40	0.00	0.00	0.00	0.00	0.00	6.20	0.30
11H-2- 54	87.37	0.00	0.00	18.60	12.70	23.00	0.00	0.00	0.50	1.70	0.00	31.10	0.00
11H-3- 54	88.81	3.00	1.80	24.00	16.00	40.00	1.00	0.00	0.50	1.70	0.10	10.80	0.40
11H-4- 54	90.25	0.00	0.00	23.60	56.90	12.60	0.30	0.00	0.00	1.40	0.00	4.90	0.20
11H-5- 54	91.68	2.70	0.40	15.10	46.10	21.20	0.30	0.00	0.00	1.70	0.00	12.10	0.10
11H-6- 54	93.12	0.00	0.00	25.50	63.70	7.70	0.30	0.00	0.00	0.40	0.00	1.70	0.30
11H-7- 54	94.56	0.00	0.00	30.90	40.20	20.90	0.20	0.00	0.00	1.50	0.00	5.60	0.10
12H-1- 61	95.53	0.50	0.00	17.90	61.90	9.70	0.30	0.00	0.00	0.90	0.00	8.80	0.20
12H-2- 61	97.03	0.00	0.00	24.40	45.80	24.60	0.00	0.00	0.00	0.50	0.00	3.80	0.00
12H-3- 61	98.53	0.00	0.00	13.90	14.20	49.40	0.30	0.00	16.90	2.30	0.00	2.80	0.00
12H-4- 61	100.03	0.00	0.00	11.10	17.20	14.00	0.00	0.00	1.20	6.70	0.00	37.10	2.00
12H-5- 61	101.52	0.00	0.00	2.20	2.50	12.00	0.00	0.00	0.00	1.00	0.00	81.60	3.80
12H-6- 61	103.02	8.60	1.80	12.30	43.70	24.90	0.10	0.00	0.00	0.10	0.00	7.20	0.00
12H-7- 13	104.52	0.00	0.00	16.00	43.30	21.70	0.00	0.00	2.60	0.00	0.10	12.90	0.10
13H-1-104	105.26	0.10	0.00	10.10	9.30	25.40	0.00	0.00	3.00	2.20	0.10	36.60	0.00
13H-2-104	106.76	0.60	0.00	20.60	37.80	30.40	0.00	0.00	0.00	1.50	0.00	5.30	0.00
13H-3-104	108.26	21.20	12.10	29.20	25.20	9.90	0.00	0.00	0.00	0.00	0.00	2.10	0.00
13H-4-104	109.76	19.30	2.30	30.10	26.30	14.20	0.00	0.00	0.00	0.00	0.00	7.80	0.00
13H-5-104	111.26	36.20	18.80	13.10	16.60	9.70	0.00	0.00	0.00	0.00	0.00	5.00	0.00
13H-6-104	112.76	15.00	6.10	22.60	25.80	14.30	0.00	0.00	0.00	0.30	0.00	14.20	0.00
14H-1- 95	114.96	0.00	0.00	0.50	1.10	1.50	0.00	0.00	0.00	0.00	0.00	96.60	0.00
15H-1-113	124.98	0.80	0.60	76.30	14.90	3.60	0.00	0.00	0.00	0.00	0.00	4.00	0.20
15H-2-113	126.15	14.20	6.40	38.00	3.50	13.10	0.30	0.00	0.00	7.30	0.00	3.80	3.90
15H-3-113	127.65	3.80	4.00	6.70	10.10	7.40	0.10	0.00	0.40	1.30	0.10	65.30	0.40
16H-1-116	129.28	0.00	0.00	16.30	9.00	13.10	0.30	0.00	0.30	0.00	0.00	37.10	0.00
16H-2-116	130.78	0.00	0.00	28.80	23.40	3.50	0.30	0.00	0.30	3.40	0.10	31.40	1.20
16H-4-116	132.28	0.00	0.00	37.00	24.50	13.70	0.00	0.00	0.00	2.10	0.00	11.00	0.10
16H-5-116	133.78	0.15	0.00	16.60	19.50	16.00	0.50	0.00	0.15	0.00	0.00	34.15	0.80
16H-6-116	135.28	9.70	1.20	20.60	24.90	14.20	0.30	0.00	0.00	6.20	0.00	12.10	1.80
16H-7-116	136.78	1.00	0.40	4.20	2.10	1.10	0.60	0.00	0.00	0.00	0.00	3.80	0.00
17H-1-114	139.16	1.80	0.40	10.10	0.40	0.50	2.70	0.20	0.00	0.00	1.60	22.00	3.60
17H-2-114	140.66	4.40	0.20	39.60	3.00	4.00	4.40	0.30	0.00	0.00	1.70	17.60	6.30
17H-3-114	142.16	0.00	0.00	89.80	2.20	1.80	1.80	0.00	0.00	0.00	0.00	1.20	0.00
17H-4-114	143.66	3.00	1.10	69.80	5.30	1.90	3.60	0.20	0.00	0.00	0.40	7.00	0.60
17H-5-114	145.16	0.40	0.00	59.40	7.70	6.30	3.20	0.40	0.00	0.00	0.40	10.70	0.40
17H-6-116	146.66	1.30	1.40	61.90	14.20	3.10	0.00	0.00	0.00	0.00	0.00	10.70	2.80
18H-1-114	148.96	0.50	0.70	6.40	7.40	2.70	0.30	0.00	0.00	0.00	0.00	7.70	1.10
18H-2-114	150.46	1.00	0.60	2.10	3.20	1.50	0.00	0.00	0.00	0.00	0.30	2.70	1.60
18H-3-114	151.96	2.10	0.00	18.80	23.70	9.20	2.80	0.40	0.60	0.00	0.00	1.00	0.00

Table 1.1 (continued).

Sample no.	Depth (mbsf)	Grain amount percentages											
		Benthic foram. (%)	Plankt. foram. (%)	Rads. (%)	Diatoms (%)	Sponge Spicule (%)	Quartz (%)	Feldspar (%)	Mica (%)	Rock fr. (%)	Hev. min. (%)	Volc. gl. (%)	Auth. (%)
18H-4-114	153.46	5.40	0.70	21.90	13.60	7.40	2.90	0.10	0.40	0.00	1.70	8.30	8.50
18H-5-114	154.96	0.30	0.00	2.00	30.00	1.90	0.40	0.00	0.00	0.00	0.10	13.30	1.10
18H-6-114	156.46	2.90	8.00	13.30	11.70	2.90	0.90	0.00	0.00	0.00	0.30	21.80	1.50
19H-1-105	158.77	5.00	3.90	6.70	27.30	5.80	0.90	0.00	0.00	0.00	0.00	7.00	0.00
19H-2-105	160.27	11.00	4.60	39.00	5.30	3.10	2.60	0.00	0.00	0.30	0.00	10.70	9.70
19H-3-105	161.77	1.40	0.00	48.70	19.90	13.70	1.50	0.00	0.00	0.30	0.00	5.60	2.00
19H-4-105	163.27	1.00	0.20	5.00	27.90	14.90	0.00	0.00	0.00	19.70	0.00	14.70	0.20
19H-5-105	164.77	0.30	0.00	0.90	80.10	6.40	0.00	0.00	0.00	0.50	0.00	10.60	0.30
19H-6-105	166.27	0.30	0.00	8.70	50.30	0.00	0.00	0.00	0.00	1.40	0.00	11.40	0.00
20H-1-103	168.44	5.70	0.00	3.40	36.00	0.00	0.00	0.00	0.00	6.00	0.00	23.70	0.40
20H-2-103	169.92	0.00	0.00	0.60	10.40	6.80	0.00	0.00	0.00	1.00	0.00	75.70	0.00
20H-3-103	171.41	4.00	0.00	1.00	33.30	1.80	0.00	0.00	0.00	10.80	0.00	21.20	0.50
20H-4-103	172.40	0.00	0.00	4.50	37.70	4.80	0.00	0.00	0.00	13.60	0.90	14.70	1.60
20H-5-103	174.38	0.20	0.20	7.20	23.00	8.00	0.00	0.00	0.00	0.00	0.00	41.70	0.00
20H-6-103	175.87	0.40	0.00	15.90	8.60	2.20	2.40	0.30	0.00	1.80	0.00	56.60	1.70
21H-1-104	178.16	0.00	0.00	31.40	34.10	7.60	0.00	0.00	0.00	0.00	0.00	4.00	0.00
21H-2-104	179.66	0.00	0.00	42.60	25.00	0.00	4.40	0.00	0.00	0.00	0.00	16.70	0.30
21H-3-104	181.16	0.00	0.00	9.30	5.30	2.20	7.20	0.00	0.00	0.00	0.00	70.70	0.30
21H-4-104	182.66	0.30	0.00	48.70	21.50	4.10	2.10	0.00	0.00	0.00	0.00	21.20	0.00
21H-5-105	184.16	0.60	0.00	44.00	17.80	24.80	1.30	0.00	0.00	9.60	0.00	0.00	0.10
21H-6-104	185.66	2.80	0.00	44.90	27.10	7.10	1.70	0.00	0.00	1.90	0.00	6.00	1.90
22H-1- 55	187.26	1.30	0.00	57.60	5.40	0.60	2.00	0.00	0.00	0.30	0.00	28.80	0.70
22H-2- 55	188.74	0.20	0.00	17.90	22.00	11.90	1.80	0.00	0.00	0.00	0.00	22.70	0.30
22H-3- 55	190.22	1.50	0.00	35.60	20.70	3.40	2.00	0.00	0.00	0.00	0.00	24.50	1.10
22H-4- 55	191.70	0.30	0.00	51.80	23.40	4.30	0.70	0.00	0.00	1.30	0.00	13.40	0.10
22H-5- 55	193.17	0.00	0.00	66.40	20.30	3.70	0.00	0.00	0.00	0.00	0.00	4.50	0.30
22H-6- 55	194.65	0.80	0.00	12.30	1.50	0.00	2.00	0.00	0.00	0.00	0.00	81.20	1.00
22H-7- 45	196.03	0.20	0.00	50.50	1.40	0.00	0.50	0.00	0.00	1.70	0.00	29.80	15.50
23H-1- 6	196.07	0.00	0.00	24.70	5.60	0.60	0.60	0.00	0.00	1.90	0.00	35.20	27.50
23H-2- 12	197.62	0.30	0.00	48.10	16.00	11.70	0.50	0.00	0.00	0.00	0.00	17.70	1.50
23H-3- 12	199.11	0.00	0.00	34.70	20.00	9.10	0.70	0.00	0.00	0.00	0.00	16.20	2.90
23H-4- 12	200.60	0.50	0.00	43.00	15.70	5.60	0.00	0.00	0.00	0.00	0.00	16.90	1.50
23H-5- 12	202.09	0.00	0.00	22.70	13.00	6.30	0.40	0.00	0.00	0.00	0.00	5.90	0.80
23H-6- 12	203.58	0.40	0.00	64.70	16.70	9.20	0.00	0.00	0.00	0.20	0.00	1.30	0.00
23H-7- 12	205.07	0.20	0.00	77.30	10.80	11.40	0.00	0.00	0.00	0.00	0.00	0.20	0.00
24H-1-103	206.64	0.00	0.00	90.20	6.00	2.20	0.00	0.00	0.00	0.00	0.00	0.00	0.10
24H-2-103	208.14	0.00	0.00	95.00	1.80	0.90	0.00	0.00	0.00	0.00	0.00	0.20	0.20
24H-3-103	209.64	0.00	0.00	80.90	9.80	5.40	0.00	0.00	0.00	0.00	0.00	0.30	0.30
24H-4-103	211.14	0.00	0.00	86.60	5.30	0.00	0.00	0.00	0.00	0.00	0.00	2.20	0.90
24H-5-103	212.64	0.00	0.00	83.40	5.00	10.30	0.00	0.00	0.00	0.00	0.00	0.60	0.00
25H-1- 96	214.07	0.00	0.00	65.70	23.10	2.60	0.00	0.00	0.00	0.40	0.00	4.10	2.10
25H-2- 96	215.56	0.00	0.00	67.20	18.80	7.10	0.00	0.00	0.00	0.10	0.00	1.80	0.10
25H-3- 96	217.05	0.00	0.00	73.10	18.40	1.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00
25H-4- 96	218.53	0.00	0.20	64.80	17.70	1.30	0.00	0.00	0.00	0.20	0.00	2.10	2.80
25H-5- 96	220.02	0.00	0.20	62.10	19.10	7.30	0.30	0.00	0.00	0.50	0.50	5.50	1.50

Table 1.1 (continued).

Sample no.	Depth (mbsf)	Subfraction of coarse fraction (μm)				
		>63 (%)	63–125 (%)	125–500 (%)	500–1000 (%)	>1000 (%)
1H-1- 40	0.42	14.04	48.91	37.11	7.02	6.96
1H-1- 96	0.98	13.93	38.95	45.75	3.99	11.31
1H-2- 40	1.92	6.05	51.81	41.67	4.29	2.23
1H-2- 96	2.48	2.27	45.86	37.48	6.04	10.62
1H-3- 40	3.42	12.57	54.15	40.54	2.55	2.77
1H-3- 96	3.98	19.45	36.21	52.87	2.02	8.90
2H-1-112	5.94	11.38	44.91	49.99	2.84	2.26
2H-2- 53	6.85	7.65	52.39	42.84	2.03	2.74
2H-2-112	7.44	11.60	40.58	57.14	1.23	1.05
2H-3- 53	8.35	16.24	23.45	76.33	0.22	0.00
2H-3-112	8.94	8.36	53.72	43.13	1.81	1.34
2H-4- 53	9.85	12.35	48.50	44.86	2.20	4.45
2H-4-112	10.44	12.05	46.22	44.83	3.46	5.49
2H-5- 53	11.35	9.85	36.93	60.58	1.70	0.78
2H-5-112	11.94	13.44	55.46	38.36	4.76	1.43
2H-6- 53	12.85	9.65	53.20	36.70	3.45	6.65
3H-1- 44	14.76	8.12	51.94	47.43	0.63	0.00
3H-1-106	15.38	21.41	38.86	44.50	5.01	11.63
3H-2- 44	16.26	25.30	43.03	44.45	5.48	7.04
3H-2-106	16.88	12.05	46.41	42.83	5.24	5.51
3H-3- 44	17.76	5.95	76.22	22.36	1.26	0.16
3H-3-106	18.38	7.11	34.23	38.98	3.66	23.12
3H-4- 44	19.26	2.93	55.11	43.31	1.58	0.00
3H-4-106	19.88	3.37	58.97	39.73	1.30	0.00
4H-1- 43	21.13	10.84	54.53	37.42	1.57	6.48
4H-1-113	21.70	15.07	41.11	27.80	1.50	29.60
4H-2- 43	22.57	14.21	47.13	44.35	5.63	2.89
4H-2-113	23.14	8.25	35.79	60.51	1.18	2.51
4H-3- 43	24.01	8.03	58.83	38.92	1.73	0.52
4H-3-113	24.68	21.01	45.27	52.39	1.68	0.65
4H-4- 43	25.44	6.68	54.49	39.17	2.14	4.21
4H-4-113	26.10	16.36	60.67	34.14	2.63	2.55
4H-5- 43	26.88	25.40	36.46	52.98	6.36	4.20
4H-5-113	27.56	3.56	46.63	41.79	7.53	4.05
4H-6- 43	28.32	18.90	54.15	40.31	2.47	3.07
4H-6-113	28.99	12.76	64.78	33.05	1.15	1.02
5H-1- 33	29.72	14.14	54.37	34.83	3.86	6.94
5H-1- 99	30.34	4.14	46.33	49.43	4.24	0.00
5H-2- 33	31.11	3.81	50.96	33.88	12.00	3.16
5H-2- 99	31.71	10.82	41.79	45.03	2.65	10.53
5H-3- 33	32.00	21.21	45.55	40.28	3.71	10.46
5H-3- 99	33.12	5.54	66.00	32.44	1.18	0.38
5H-4- 33	33.89	30.74	61.49	35.45	0.94	2.11
5H-4- 99	34.51	15.05	66.53	32.04	0.78	0.66
5H-5- 33	35.29	5.86	57.68	35.89	2.99	3.43
5H-5- 99	35.90	5.17	71.03	24.12	2.55	2.29
5H-6- 33	36.68	5.89	48.37	46.82	2.31	2.50
5H-6- 99	37.29	8.02	42.39	51.47	2.26	3.89
5H-7- 33	38.07	3.81	71.68	25.65	1.22	1.44
5H-7- 99	38.68	20.89	74.21	25.23	0.56	0.00
6H-1- 35	39.27	13.32	79.73	19.29	0.94	0.04
6H-1-104	39.96	10.84	56.30	34.88	3.80	5.02

Table 1.1 (continued).

Sample no.	Depth (mbsf)	Subfraction of coarse fraction (μm)				
		>63 (%)	63–125 (%)	125–500 (%)	500–1000 (%)	>1000 (%)
6H-2- 54	40.96	7.81	54.01	29.33	4.44	12.22
6H-2-133	41.75	19.73	57.27	36.90	2.52	3.31
6H-3- 31	42.33	15.74	64.73	31.08	1.80	2.39
6H-3-119	43.11	8.66	66.45	28.06	0.74	4.75
6H-4- 11	43.53	11.78	73.89	23.08	2.04	0.99
6H-4- 92	44.34	7.95	49.42	45.82	2.53	2.22
6H-5- 34	45.26	6.64	57.89	37.85	3.65	0.62
6H-5-121	46.13	12.03	50.34	33.01	4.65	12.00
6H-6- 6	46.47	2.28	75.82	20.55	1.93	1.70
6H-6- 57	46.99	20.17	49.29	44.72	1.76	4.23
7H-1- 51	47.91	2.84	77.61	21.47	0.93	0.00
7H-1-131	48.68	15.43	52.24	39.58	3.02	5.17
7H-2- 70	49.05	14.47	61.17	34.42	2.79	1.62
7H-2-131	50.11	5.95	55.60	35.97	2.15	6.28
7H-3- 20	50.49	15.57	73.93	22.96	1.67	1.44
7H-3-131	51.55	13.99	54.47	36.16	1.45	7.93
7H-4- 15	51.88	12.64	65.46	27.55	1.61	5.38
7H-4-105	52.74	18.91	51.70	43.83	2.16	2.31
7H-5- 41	53.56	5.50	53.41	44.50	1.88	0.21
7H-5-120	54.32	6.40	81.48	15.97	0.00	2.55
7H-6- 32	54.92	13.64	57.20	28.13	1.26	13.41
7H-6-120	55.76	14.94	62.69	26.76	4.78	5.77
7H-7- 12	56.16	4.83	70.38	26.35	2.68	0.58
7H-7- 56	56.59	8.93	42.10	47.05	5.34	5.51
8H-1- 55	57.45	10.72	54.38	26.35	2.60	16.67
8H-1- 88	57.78	3.30	44.63	49.96	2.44	2.96
8H-2- 19	58.56	6.32	52.91	45.32	0.87	0.90
8H-2-137	59.71	5.76	44.73	41.86	3.49	9.92
8H-3- 15	59.98	9.85	46.08	45.15	2.86	5.91
8H-3-113	60.94	19.49	57.82	33.97	3.12	5.08
8H-4- 19	61.48	1.03	81.48	15.81	0.00	2.70
8H-4-112	62.39	21.64	47.92	47.69	2.87	1.52
8H-5- 20	62.95	38.05	23.65	74.87	0.84	0.63
8H-5-119	63.91	17.81	27.94	57.35	5.20	9.52
8H-6- 20	64.41	1.50	69.14	30.58	0.28	0.00
8H-6- 94	65.13	21.16	32.10	65.71	0.95	1.24
8H-7- 18	65.85	7.70	62.03	37.21	0.76	0.00
8H-7- 44	66.10	11.58	38.08	43.75	3.28	14.89
9H-1- 28	66.69	12.80	45.56	44.95	7.29	2.20
9H-1-137	67.74	0.27	89.34	9.02	0.82	0.82
9H-2- 28	68.13	1.11	68.58	21.71	0.77	8.94
9H-2-137	69.18	0.48	57.22	40.33	2.18	0.27
9H-3- 28	69.58	0.32	67.02	24.61	5.76	2.62
9H-3- 96	70.23	9.04	67.37	32.29	0.19	0.15
9H-4- 28	71.02	0.13	88.89	11.11	0.00	0.00
9H-4-137	72.07	0.19	62.50	37.50	0.00	0.00
9H-5- 28	72.46	0.10	50.00	50.00	0.00	0.00
9H-5-137	73.51	0.75	65.25	31.18	3.58	0.00
9H-6- 28	73.91	0.57	48.57	49.71	1.71	0.00
9H-6-137	74.96	0.20	85.45	14.55	0.00	0.00
9H-7- 34	75.41	2.89	5.88	21.19	25.88	47.06
9H-7- 56	75.62	1.83	6.81	18.94	10.97	63.28

Table 1.1 (continued).

Sample no.	Depth (mbsf)	Subfraction of coarse fraction (μm)				
		>63 (%)	63–125 (%)	125–500 (%)	500–1000 (%)	>1000 (%)
10H-1- 58	76.48	0.29	41.67	40.91	8.33	9.09
10H-2- 58	77.92	1.42	65.40	31.88	2.61	0.11
10H-3- 58	79.37	0.45	37.32	47.84	7.18	7.66
10H-4- 58	80.82	0.91	55.56	28.89	5.40	10.16
10H-5- 58	82.26	1.34	81.22	16.27	2.50	0.00
10H-6- 58	83.71	6.89	75.55	23.98	0.48	0.00
10H-7- 58	85.16	0.63	69.93	28.71	1.35	0.00
11H-1- 54	85.94	0.28	68.10	23.93	1.84	6.13
11H-2- 54	87.37	2.59	84.28	15.29	0.42	0.00
11H-3- 54	88.81	0.63	59.64	35.67	2.34	2.34
11H-4- 54	90.25	0.11	47.27	49.09	0.00	3.64
11H-5- 54	91.68	0.19	62.79	37.21	0.00	0.00
11H-6- 54	93.12	0.19	79.03	16.94	0.00	4.03
11H-7- 54	94.56	1.05	65.59	27.59	0.85	5.96
12H-1- 61	95.53	0.10	56.16	35.62	4.11	4.11
12H-2- 61	97.03	0.82	73.72	24.70	0.59	0.99
12H-3- 61	98.53	0.32	72.41	20.69	4.31	2.59
12H-4- 61	100.03	2.24	48.75	50.00	0.94	0.31
12H-5- 61	101.52	6.48	28.15	39.40	2.91	29.55
12H-6- 61	103.02	0.36	69.47	24.78	3.10	2.65
12H-7- 13	104.52	1.55	78.86	17.82	2.22	1.11
13H-1-104	105.26	3.37	67.38	29.49	2.48	0.64
13H-2-104	106.76	1.33	82.18	15.02	1.59	1.21
13H-3-104	108.26	0.42	57.76	37.88	3.11	1.24
13H-4-104	109.76	0.28	70.55	27.27	2.18	0.00
13H-5-104	111.26	0.47	61.75	35.14	2.29	0.83
13H-6-104	112.76	0.83	76.07	21.00	1.10	1.83
14H-1- 95	114.96	21.42	75.44	24.52	0.00	0.04
15H-1-113	124.90	0.98	33.25	37.61	25.83	3.31
15H-2-113	126.15	0.54	83.08	16.05	0.66	0.22
15H-3-113	127.65	1.52	62.99	35.21	1.79	0.00
16H-1-116	129.28	2.65	44.34	54.68	0.93	0.04
16H-2-116	130.78	2.85	73.88	25.93	0.20	0.00
16H-4-116	132.28	0.74	85.62	13.40	0.98	0.00
16H-5-116	133.78	0.65	76.35	15.31	1.74	6.61
16H-6-116	135.28	0.78	60.21	24.44	13.11	2.24
16H-7-116	136.78	5.31	40.72	54.07	4.62	0.60
17H-1-114	139.16	2.48	71.73	27.56	0.71	0.00
17H-2-114	140.66	0.73	81.68	18.32	0.00	0.00
17H-3-114	142.16	1.27	20.73	11.86	1.33	66.09
17H-4-114	143.66	0.17	72.39	11.94	0.75	14.93
17H-5-114	145.16	1.09	81.84	14.75	2.49	0.92
17H-6-116	146.66	0.50	62.31	35.51	1.87	0.31
18H-1-114	148.96	0.27	23.89	36.18	4.38	35.55
18H-2-114	150.46	1.48	58.09	37.90	4.01	0.00
18H-3-114	151.96	2.01	18.85	17.67	22.24	41.24
18H-4-114	153.46	1.55	24.44	6.78	5.98	62.82
18H-5-114	154.96	7.02	48.37	16.81	3.57	31.26
18H-6-114	156.46	0.55	43.28	34.88	21.85	0.00
19H-1-105	158.77	1.30	30.96	20.11	18.76	30.17
19H-2-105	160.27	0.92	47.63	6.31	13.20	32.86
19H-3-105	161.77	0.73	49.48	10.69	32.08	7.76

Table 1.1 (continued).

Sample no.	Depth (mbsf)	Subfraction of coarse fraction (μm)				
		>63 (%)	63–125 (%)	125–500 (%)	500–1000 (%)	>1000 (%)
19H-4-105	163.27	2.74	59.87	39.73	0.40	0.00
19H-5-105	164.77	1.02	83.55	16.44	0.00	0.00
19H-6-105	166.27	0.51	87.91	12.09	0.00	0.00
20H-1-103	168.44	2.37	69.89	26.38	2.50	1.31
20H-2-103	169.92	3.59	76.75	23.05	0.19	0.00
20H-3-103	171.41	1.69	76.05	23.95	0.00	0.00
20H-4-103	172.40	3.91	36.52	34.23	1.57	27.68
20H-5-103	174.38	5.53	72.97	27.02	0.00	0.00
20H-6-103	175.87	11.69	50.35	49.54	0.11	0.00
21H-1-104	178.16	1.56	82.43	17.57	0.00	0.00
21H-2-104	179.66	2.72	69.38	30.62	0.00	0.00
21H-3-104	181.16	15.87	51.63	42.07	0.74	5.57
21H-4-104	182.66	3.90	68.25	26.27	0.10	5.38
21H-5-105	184.16	2.16	72.58	27.42	0.00	0.00
21H-6-104	185.66	1.02	84.56	15.44	0.00	0.00
22H-1- 55	187.26	3.58	62.73	37.27	0.00	0.00
22H-2- 55	188.74	12.04	88.18	11.57	0.24	0.00
22H-3- 55	190.22	2.34	69.03	30.97	0.00	0.00
22H-4- 55	191.70	0.87	67.84	30.22	1.95	0.00
22H-5- 55	193.17	0.58	57.73	42.27	0.00	0.00
22H-6- 55	194.65	15.87	62.90	36.31	0.79	0.00
22H-7- 55	196.03	29.22	34.16	65.64	0.20	0.00
23H-1- 6	196.07	18.83	46.13	44.33	0.75	8.79
23H-2- 12	197.62	2.50	78.61	21.39	0.00	0.00
23H-3- 12	199.11	1.57	82.50	17.49	0.00	0.00
23H-4- 12	200.60	0.64	87.56	12.44	0.00	0.00
23H-5- 12	202.09	0.53	70.31	29.69	0.00	0.00
23H-6- 12	203.58	1.36	70.25	29.54	0.20	0.00
23H-7- 12	205.07	0.34	65.10	34.90	0.00	0.00
24H-1-103	206.64	0.54	77.29	22.71	0.00	0.00
24H-2-103	208.14	0.92	74.10	25.90	0.00	0.00
24H-3-103	209.64	0.80	57.44	42.56	0.00	0.00
24H-4-103	211.14	0.68	71.57	28.43	0.00	0.00
24H-5-103	212.64	0.15	70.78	29.22	0.00	0.00
25H-1- 96	214.07	0.56	66.67	33.34	0.00	0.00
25H-2- 96	215.56	0.47	67.02	32.98	0.00	0.00
25H-3- 96	217.05	0.65	71.88	28.12	0.00	0.00
25H-4- 96	218.53	0.39	50.75	43.61	5.64	0.00
25H-5- 96	220.02	0.30	69.10	30.90	0.00	0.00

Table 1.2. Sedimentological data from Hole 642D. Analysis of coarse-fraction component.

Sample no.	Depth (mbsf)	>63 μm (%)	Bulk $CaCO_3$ (%)	TOC (%)
5X-2-103	221.41	0.77	0.00	1.24
5X-3-103	222.89	0.87	0.00	1.15
5X-4-103	224.38	0.62	0.00	1.40
5X-5-103	225.85	0.82	0.00	1.16
5X-6-103	227.32	0.44	0.00	1.17
6X-1-104	229.56	0.65	0.00	1.09
6X-2-104	231.06	0.48	0.00	1.41
6X-3-104	232.56	2.38	0.00	1.14
6X-4-104	234.06	0.83	0.00	1.60
7X-1-103	239.23	0.41	0.00	1.45
7X-2-103	240.70	2.50	0.00	1.20
7X-3-103	242.17	1.01	0.00	1.37
7X-4-103	243.65	14.63	0.00	1.27
7X-5-103	245.12	0.61	0.00	1.20
7X-6-103	246.59	0.37	0.00	1.36
8X-1-113	248.95	6.97	0.00	1.45
8X-2-113	250.45	4.29	0.00	1.95
8X-3-113	251.95	0.70	0.00	1.92
8X-4-113	253.45	2.72	0.00	0.89
8X-5-113	254.95	0.45	0.00	1.51
8X-6-113	256.45	0.59	0.00	1.66
9X-1- 70	258.20	2.04	0.00	1.64
9X-2- 45	259.42	0.31	0.00	0.79
9X-3-127	261.68	0.66	0.00	1.25
9X-4- 21	262.12	0.35	0.00	1.18
9X-5- 64	264.01	0.79	0.00	1.22
9X-6-126	266.08	0.46	0.00	0.96
9X-7- 17	266.48	0.33	0.00	1.11
10X-1- 77	267.88	0.59	0.00	1.53
10X-2- 79	269.39	0.51	0.00	0.94
10X-3- 84	270.93	0.52	0.00	0.59
10X-4- 84	272.42	18.51	0.00	0.72
10X-5- 85	273.92	3.63	0.00	1.73
10X-6- 85	275.41	3.18	0.00	1.03
10X-7- 17	276.22	1.45	0.00	0.82
11X-1- 47	277.29	0.32	0.00	1.05
11X-1-121	278.03	53.26	0.00	0.05
11X-2-114	279.46	27.81	0.00	0.01
12X-1- 49	287.00	20.16	0.00	0.00

Table 1.2 (continued).

Sample no.	Depth (mbsf)	Grain amount percentages											
		Benthic foram. (%)	Plankt. foram. (%)	Rads. (%)	Diatoms (%)	Sponge Spicule (%)	Quartz (%)	Feldspar (%)	Mica (%)	Rock fr. (%)	Hev. min. (%)	Volc. gl. (%)	Auth. (%)
5X-2-103	221.41	0.80	0.00	92.70	3.40	0.90	1.30	0.00	0.20	0.20	0.00	0.40	0.20
5X-3-103	222.89	0.00	0.00	94.40	1.90	0.00	0.40	0.00	0.00	0.00	0.00	3.10	0.20
5X-4-103	224.38	0.20	0.00	91.60	1.00	0.40	3.80	0.00	0.00	0.20	0.00	2.80	0.00
5X-5-103	225.85	0.00	0.00	98.30	0.60	0.20	0.00	0.00	0.00	0.00	0.00	0.60	0.20
5X-6-103	227.32	0.40	0.00	80.60	14.30	2.10	0.40	0.00	0.00	0.50	0.00	1.10	0.70
6X-1-104	229.56	0.00	0.00	65.60	24.60	1.60	1.30	0.00	0.20	0.00	0.00	6.60	0.20
6X-2-104	231.06	1.30	0.00	77.00	8.10	0.90	2.20	0.00	0.00	0.40	0.20	1.80	8.10
6X-3-104	232.56	0.00	0.00	33.80	20.10	4.60	3.20	0.00	0.00	0.00	0.00	38.30	0.00
6X-4-104	234.06	2.00	0.00	70.90	13.10	6.50	2.20	0.00	0.00	1.70	0.20	2.60	1.00
7X-1-103	239.23	0.40	0.00	69.70	3.00	16.20	6.40	0.00	0.00	0.40	0.00	2.40	1.50
7X-2-103	240.70	0.20	0.00	20.70	35.20	18.20	3.70	0.00	0.00	0.40	0.20	21.50	0.00
7X-3-103	242.17	0.20	0.00	54.60	3.50	25.80	2.10	0.00	0.00	1.80	0.00	11.30	0.70
7X-4-103	243.65	0.00	0.00	3.60	1.60	1.80	5.50	0.20	0.20	0.00	0.00	76.30	10.70
7X-5-103	245.12	0.00	0.00	39.10	40.20	12.80	0.20	0.00	0.00	0.00	0.00	7.70	0.00
7X-6-103	246.59	0.50	0.00	69.40	0.90	7.90	1.30	0.00	0.20	4.10	0.40	4.10	11.30
8X-1-113	248.95	0.00	0.00	56.80	4.30	3.00	0.30	0.00	0.20	2.90	0.00	3.70	28.90
8X-2-113	250.45	0.00	0.00	68.20	0.30	5.40	0.50	0.00	0.50	4.90	0.00	13.50	6.60
8X-3-113	251.95	0.00	0.00	51.20	0.00	14.10	0.20	0.00	0.00	6.10	0.00	28.30	0.00
8X-4-113	253.45	0.00	0.00	35.60	0.00	11.70	0.90	0.00	0.00	1.00	0.20	50.50	0.20
8X-5-113	254.95	0.60	0.00	73.20	4.00	16.00	0.60	0.00	0.00	1.20	0.00	4.40	0.00
8X-6-113	256.45	0.00	0.00	69.40	0.00	11.40	0.00	0.00	0.00	2.00	0.00	9.80	7.40
9X-1- 70	258.20	0.00	0.00	76.70	0.40	8.60	0.20	0.00	0.00	0.20	0.00	13.50	0.40
9X-2- 45	259.42	0.00	0.00	47.30	0.00	2.20	2.00	0.00	0.00	3.90	0.00	44.10	0.40
9X-3-127	261.68	2.00	0.00	67.40	2.30	6.30	7.30	6.00	0.00	0.50	0.00	6.00	2.00
9X-4- 21	262.12	0.00	0.00	52.50	2.80	4.60	2.60	10.60	0.00	0.70	0.00	26.20	0.00
9X-5- 64	264.01	0.20	0.00	67.80	0.20	4.80	9.10	0.40	0.00	0.20	0.70	15.30	1.30
9X-6-126	266.08	0.60	0.20	43.60	0.60	2.50	31.10	0.00	0.00	1.50	1.90	15.60	2.30
9X-7- 17	266.48	0.20	0.00	44.70	0.00	3.20	32.60	0.00	0.00	1.00	0.40	9.00	9.00
10X-1- 77	267.88	0.00	0.00	85.60	0.00	4.90	1.50	0.00	0.00	1.10	0.00	0.90	5.90
10X-2- 79	269.39	0.40	0.00	39.80	0.40	0.40	54.00	0.40	0.00	0.80	0.20	1.00	2.70
10X-3- 84	270.93	0.00	0.00	25.80	0.00	3.00	63.60	0.00	0.90	2.40	0.00	1.30	3.00
10X-4- 84	272.42	0.20	0.00	14.70	2.10	3.00	0.80	0.00	0.60	0.80	0.00	29.90	48.00
10X-5- 85	273.92	0.00	0.00	50.00	0.50	14.20	0.50	0.00	0.00	0.20	0.00	0.70	33.90
10X-6- 85	275.41	0.00	0.00	34.90	0.40	31.40	1.30	0.00	0.00	0.20	0.00	18.90	12.90
10X-7- 17	276.22	0.30	0.00	36.10	0.20	18.40	18.90	0.00	0.00	2.50	0.20	14.50	8.90
11X-1- 47	277.29	0.00	0.00	24.90	0.00	3.60	65.00	0.00	0.00	0.40	0.00	2.90	3.30
11X-1-121	278.03	0.00	0.00	0.60	0.00	0.40	8.00	0.00	0.00	5.50	0.00	5.90	79.70
11X-2-114	279.46	0.00	0.00	34.50	0.00	0.00	17.50	11.00	0.00	1.30	0.00	0.40	35.30
12X-1- 49	287.00	0.00	0.00	15.30	0.00	0.00	47.10	6.60	0.00	11.10	0.00	8.10	11.90

Table 1.2 (continued).

			Coarse fraction component analysis (wt%)									
Sample no.	Depth mbsf	>63 μm (%)	Benthic foram. (%)	Plankt. foram. (%)	Biogenic opal cf (%)	Quartz (%)	Feldspar (%)	Mica (%)	Rock fr. (%)	Hev. min. (%)	Volc. gl. (%)	Auth. (%)
5X-2-103	221.41	0.77	0.01	0.00	0.75	0.01	0.00	0.00	0.00	0.00	0.00	0.00
5X-3-103	222.89	0.87	0.00	0.00	0.84	0.00	0.00	0.00	0.00	0.00	0.03	0.00
5X-4-103	224.38	0.62	0.00	0.00	0.58	0.02	0.00	0.00	0.00	0.00	0.02	0.00
5X-5-103	225.85	0.82	0.00	0.00	0.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5X-6-103	227.32	0.44	0.00	0.00	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6X-1-104	229.56	0.65	0.00	0.00	0.60	0.01	0.00	0.00	0.00	0.00	0.04	0.00
6X-2-104	231.06	0.48	0.01	0.00	0.41	0.01	0.00	0.00	0.00	0.00	0.01	0.04
6X-3-104	232.56	2.38	0.00	0.00	1.39	0.08	0.00	0.00	0.00	0.00	0.91	0.00
6X-4-104	234.06	0.83	0.02	0.00	0.75	0.02	0.00	0.00	0.01	0.00	0.02	0.01
7X-1-103	239.23	0.41	0.00	0.00	0.36	0.03	0.00	0.00	0.00	0.00	0.01	0.01
7X-2-103	240.70	2.50	0.00	0.00	1.85	0.09	0.00	0.00	0.01	0.00	0.54	0.00
7X-3-103	242.17	1.01	0.00	0.00	0.85	0.02	0.00	0.00	0.02	0.00	0.11	0.01
7X-4-103	243.65	14.63	0.00	0.00	1.02	0.80	0.03	0.03	0.00	0.00	11.16	1.57
7X-5-103	245.12	0.61	0.00	0.00	0.56	0.00	0.00	0.00	0.00	0.00	0.05	0.00
7X-6-103	246.59	0.37	0.00	0.00	0.29	0.00	0.00	0.00	0.02	0.00	0.02	0.04
8X-1-113	248.95	6.97	0.00	0.00	4.47	0.02	0.00	0.01	0.20	0.00	0.26	2.01
8X-2-113	250.45	4.29	0.00	0.00	3.17	0.02	0.00	0.02	0.21	0.00	0.58	0.28
8X-3-113	251.95	0.70	0.00	0.00	0.46	0.00	0.00	0.00	0.04	0.00	0.20	0.00
8X-4-113	253.45	2.72	0.00	0.00	1.29	0.02	0.00	0.00	0.03	0.01	1.37	0.01
8X-5-113	254.95	0.45	0.00	0.00	0.42	0.00	0.00	0.00	0.01	0.00	0.02	0.00
8X-6-113	256.45	0.59	0.00	0.00	0.48	0.00	0.00	0.00	0.01	0.00	0.06	0.04
9X-1- 70	258.20	2.04	0.00	0.00	1.75	0.00	0.00	0.00	0.00	0.00	0.28	0.01
9X-2- 45	259.42	0.31	0.00	0.00	0.15	0.01	0.00	0.00	0.01	0.00	0.14	0.00
9X-3-127	261.68	0.66	0.01	0.00	0.50	0.05	0.04	0.00	0.00	0.00	0.04	0.01
9X-4- 21	262.12	0.35	0.00	0.00	0.21	0.01	0.04	0.00	0.00	0.00	0.09	0.00
9X-5- 64	264.01	0.79	0.00	0.00	0.58	0.07	0.00	0.00	0.00	0.01	0.12	0.01
9X-6-126	266.08	0.46	0.00	0.00	0.21	0.14	0.00	0.00	0.01	0.01	0.07	0.01
9X-7- 17	266.48	0.33	0.00	0.00	0.16	0.11	0.00	0.00	0.00	0.00	0.03	0.03
10X-1- 77	267.88	0.59	0.00	0.00	0.53	0.01	0.00	0.00	0.01	0.00	0.01	0.03
10X-2- 79	269.39	0.51	0.00	0.00	0.21	0.28	0.00	0.00	0.00	0.00	0.01	0.01
10X-3- 84	270.93	0.52	0.00	0.00	0.15	0.33	0.00	0.00	0.01	0.00	0.01	0.02
10X-4- 84	272.42	18.51	0.04	0.00	3.66	0.15	0.00	0.11	0.15	0.00	5.53	8.88
10X-5- 85	273.92	3.63	0.00	0.00	2.35	0.02	0.00	0.00	0.01	0.00	0.03	1.23
10X-6- 85	275.41	3.18	0.00	0.00	2.12	0.04	0.00	0.00	0.01	0.00	0.60	0.41
10X-7- 17	276.22	1.45	0.00	0.00	0.79	0.27	0.00	0.00	0.04	0.00	0.21	0.13
11X-1- 47	277.29	0.32	0.00	0.00	0.09	0.21	0.00	0.00	0.00	0.00	0.01	0.01
11X-1-121	278.03	53.26	0.00	0.00	0.53	4.26	0.00	0.00	2.93	0.00	3.14	42.45
11X-2-114	279.46	27.81	0.00	0.00	9.59	4.87	3.06	0.00	0.36	0.00	0.11	9.82
12X-1- 49	287.00	20.16	0.00	0.00	3.08	9.50	1.33	0.00	2.24	0.00	1.63	2.40

Table 1.2 (continued).

Sample no.	Depth (mbsf)	Subfraction of coarse fraction (μm)				
		>63 (%)	63–125 (%)	125–500 (%)	500–1000 (%)	>1000 (%)
5X-2-103	221.41	0.77	76.06	23.94	0.00	0.00
5X-3-103	222.89	0.87	25.50	74.50	0.00	0.00
5X-4-103	224.38	0.62	69.52	30.48	0.00	0.00
5X-5-103	225.85	0.82	45.45	54.55	0.00	0.00
5X-6-103	227.32	0.44	57.99	42.01	0.00	0.00
6X-1-104	229.56	0.65	67.43	32.57	0.00	0.00
6X-2-104	231.06	0.48	57.87	42.13	0.00	0.00
6X-3-104	232.56	2.38	80.15	19.85	0.00	0.00
6X-4-104	234.06	0.83	69.31	30.69	0.00	0.00
7X-1-103	239.23	0.41	81.21	18.79	0.00	0.00
7X-2-103	240.70	2.50	84.30	15.70	0.00	0.00
7X-3-103	242.17	1.01	79.33	20.67	0.00	0.00
7X-4-103	243.65	14.63	14.44	85.56	0.00	0.00
7X-5-103	245.12	0.61	79.55	20.45	0.00	0.00
7X-6-103	246.59	0.37	68.84	31.16	0.00	0.00
8X-1-113	248.95	6.97	68.56	31.44	0.00	0.00
8X-2-113	250.45	4.29	63.40	36.60	0.00	0.00
8X-3-113	251.95	0.70	83.88	16.12	0.00	0.00
8X-4-113	253.45	2.72	81.62	18.38	0.00	0.00
8X-5-113	254.95	0.45	68.09	31.91	0.00	0.00
8X-6-113	256.45	0.59	70.42	29.58	0.00	0.00
9X-1- 70	258.20	2.04	78.99	21.01	0.00	0.00
9X-2- 45	259.42	0.31	49.07	38.89	12.04	0.00
9X-3-127	261.68	0.66	82.59	17.41	0.00	0.00
9X-4- 21	262.12	0.35	59.55	40.45	0.00	0.00
9X-5- 64	264.01	0.79	75.30	21.57	3.13	0.00
9X-6-126	266.08	0.46	56.36	31.36	12.29	0.00
9X-7- 17	266.48	0.33	35.09	64.91	0.00	0.00
10X-1- 77	267.88	0.59	21.32	10.45	6.61	61.62
10X-2- 79	269.39	0.51	48.14	51.86	0.00	0.00
10X-3- 84	270.93	0.52	31.90	24.40	0.00	43.70
10X-4- 84	272.42	18.51	65.15	34.85	0.00	0.00
10X-5- 85	273.92	3.63	78.80	21.20	0.00	0.00
10X-6- 85	275.41	3.18	86.37	13.46	0.17	0.00
10X-7- 17	276.22	1.45	55.66	38.17	6.17	0.00
11X-1- 47	277.29	0.32	43.60	48.80	7.60	0.00
11X-1-121	278.03	53.26	27.62	35.52	17.06	19.80
11X-2-114	279.46	27.81	64.44	35.45	0.11	0.00
12X-1- 49	287.00	20.16	43.98	53.59	2.22	0.21

Table 1.3. Sedimentological data from Hole 643A. Analysis of coarse-fraction component.

Sample no.	Depth (mbsf)	>63 μm (%)	Bulk $CaCO_3$ (%)	TOC (%)
1H-1- 20	0.20	10.81	10.28	0.28
1H-1- 60	0.60	4.95	8.45	0.19
1H-1-101	1.01	5.64	6.79	0.20
1H-1-141	1.41	24.87	11.01	0.42
1H-2- 41	1.90	19.33	0.00	1.11
1H-2- 81	2.31	30.63	37.93	0.19
1H-2-121	2.71		28.51	0.27
1H-3- 40	2.71	13.00	10.37	0.19
1H-3- 82	3.62	21.61	0.00	1.06
1H-3-121	4.01	13.29	0.55	0.76
1H-3-141	4.41	18.33	10.15	0.29
1H-4- 21	4.71	29.08	0.15	0.57
1H-4- 41	4.91	16.70	9.25	0.56
2H-1- 21	5.31	17.31	4.97	0.53
2H-1- 40	5.70	24.82	15.97	0.25
2H-1- 82	6.12	18.23	0.00	0.95
2H-1-142	6.72	21.53	22.10	0.23
2H-2- 40	7.20	11.13	7.29	0.20
2H-2- 82	7.62	17.70	13.83	0.18
2H-2-120	8.00	9.17	5.28	0.20
2H-2-142	8.22	3.10	0.00	0.25
2H-3- 40	8.70	2.93	9.46	0.20
2H-3- 82	9.12	6.83	5.41	0.25
2H-3-120	9.50	21.16	15.90	0.21
2H-4- 21	10.01	10.40	10.90	0.18
2H-4- 60	10.40	0.20	1.74	0.24
2H-4-106	10.86	0.02	2.06	0.39
2H-4-120	11.00	6.90	3.25	0.30
2H-5- 21	11.51	14.40	0.04	0.37
2H-5- 60	11.90	20.95	4.68	0.32
2H-5-120	12.50	11.50	3.93	0.35
2H-6- 21	13.01	10.87	44.34	0.19
2H-6- 82	13.62	2.55	8.10	0.20
2H-6-111	13.91	9.24	9.26	0.32
2H-6-142	14.22	20.32	2.12	0.32
2H-7- 21	14.51	23.40	0.00	0.31
2H-7- 40	14.70	6.42	5.81	0.25
3H-1- 25	15.05	18.09	20.28	0.23
3H-1- 42	15.21	9.10	10.04	0.42
3H-2- 20	16.50	8.70	10.48	0.29
3H-2- 82	17.12	15.11	10.92	0.27
3H-2-142	17.72	20.10	0.00	0.59
3H-3- 20	18.00	6.84	5.40	0.63
3H-3- 25	18.05	19.68	8.57	0.23
3H-3- 40	18.20	4.40	7.06	0.96
3H-3- 82	18.62	0.69	11.22	0.94
3H-3-116	18.96	2.00	8.28	0.49
3H-4- 20	19.50	16.60	6.16	0.37
3H-4- 58	19.88	2.30	12.20	0.46
3H-4-122	20.52	14.78	20.03	0.23
3H-5- 20	21.00	2.41	5.96	0.18

Table 1.3 (continued).

Sample no.	Depth (mbsf)	>63 μm (%)	Bulk $CaCO_3$ (%)	TOC (%)
3H-5- 58	21.38	6.44	5.46	0.23
3H-5-100	21.80	4.11	2.12	0.23
3H-5-140	22.20	6.52	5.61	0.32
3H-6- 20	22.50	5.70	4.11	0.26
3H-6- 40	22.70	7.70	7.38	0.23
3H-6-100	23.30	2.98	5.51	0.33
3H-7- 40	24.20	14.30	6.15	0.34
4H-1- 20	24.50	2.10	11.14	0.22
4H-1- 80	25.10	4.00	9.84	0.23
4H-1-120	25.50	6.50	5.99	0.28
4H-2- 20	26.00	5.40	6.87	0.27
4H-2- 80	26.60	2.50	6.15	0.41
4H-2-100	26.80	8.92	5.56	0.27
4H-2-140	27.30	1.67	5.79	0.27
4H-3- 20	27.40	11.50	0.00	1.08
4H-3- 40	27.60	2.95	21.02	0.23
4H-3- 60	27.80	3.00	10.63	0.23
4H-3- 80	28.00	15.83	0.00	0.48
4H-3-100	28.20	1.72	3.15	0.29
4H-3-120	28.40	20.04	0.00	1.01
4H-4- 40	29.20	18.20	0.00	0.24
4H-4- 80	29.60	10.30	6.95	0.21
4H-4-120	30.00	6.70	0.00	0.23
4H-5- 18	30.48	10.95	0.00	0.18
4H-5-120	30.50	9.99	29.33	0.17
4H-5- 94	31.24	18.40	2.14	0.29
4H-6- 40	32.20	9.70	0.00	0.47
4H-6- 80	32.60	6.20	4.73	0.27
4H-6-120	33.00	12.20	0.00	0.27
4H-6-140	33.20	20.30	11.88	0.19
4H-7- 40	33.70	10.40	0.00	0.37
5H-1- 42	34.22	2.00	0.08	0.37
5H-1-102	34.82	22.10	0.00	0.27
5H-1-142	35.22	12.40	3.37	1.03
5H-2- 42	35.72	7.50	0.00	0.34
5H-2- 82	36.12	11.82	0.00	0.28
5H-2-102	36.32	7.00	0.00	0.26
5H-2-123	36.43	5.10	0.06	0.25
5H-3- 17	36.97	12.10	0.00	0.18
5H-3- 62	37.42	5.00	0.00	0.18
5H-3-102	37.82	13.63	0.00	0.48
5H-4- 42	38.72	8.72	0.00	0.20
5H-4-102	39.32	6.10	0.00	0.26
5H-4-143	39.62	12.50	0.00	1.08
5H-5- 17	39.97	10.72	0.00	0.23
5H-5- 82	40.62	5.80	0.00	0.21
5H-5-123	41.03	6.05	0.00	0.27
5H-6- 42	41.72	7.64	0.00	0.33
5H-6- 82	42.12	4.02	0.00	0.39
5H-6-122	42.42	14.50	0.00	0.41
5H-6-142	42.62	10.21	0.00	0.99

Table 1.3 (continued).

Sample no.	Depth (mbsf)	>63 μm (%)	Bulk $CaCO_3$ (%)	TOC (%)
6H-1- 20	43.50	17.44	0.00	0.88
6H-1-102	44.32	4.20	0.00	0.33
6H-1-142	44.72	8.30	0.00	0.23
6H-2- 20	45.00	5.52	0.00	0.21
6H-2-102	45.82	13.10	0.00	0.30
6H-2-120	46.00	13.80	0.00	0.67
6H-2-142	46.20	19.50	0.00	0.64
6H-3- 42	46.72	8.70	0.00	0.25
6H-3- 83	47.13	6.22	0.00	0.20
6H-3-120	47.50	1.98	0.00	0.23
6H-4- 20	48.00	8.72	0.00	0.23
6H-4- 61	48.40	6.35	0.00	0.23
6H-4-102	48.82	18.87	0.00	0.32
6H-5- 42	49.72	8.20	0.00	0.25
6H-5- 83	50.13	12.20	0.00	0.31
6H-5-120	50.50	9.22	0.00	0.25
6H-6- 42	51.22	1.80	0.00	0.15
6H-6- 60	51.40	1.34	0.00	0.19
7H-1- 62	53.42	2.70	0.00	0.14
7H-1-122	54.06	1.11	5.25	0.21
7H-2- 41	54.72	0.40	0.00	0.19
7H-2-105	55.35	0.71	45.39	0.26
7H-3- 41	56.21	1.30	18.21	0.29
7H-3- 82	56.62	2.50	27.02	0.23
7H-3-122	57.02	0.84	42.57	0.27
7H-4- 41	57.72	1.20	38.87	0.30
7H-4- 83	58.13	2.70	16.96	0.29
7H-4-122	58.53	1.19	9.80	0.23
7H-5- 41	59.21	2.40	10.28	0.23
7H-5- 83	59.62	5.57	0.00	0.17
7H-5-122	60.02	2.36	0.00	0.14
8H-1- 35	62.65	1.80	0.00	0.13
8H-2- 35	64.15	1.47	0.00	0.12
8H-3- 35	65.65	0.71	0.00	0.09
8H-4- 35	67.15	0.72	0.00	0.11
8H-5- 35	68.65	1.03	2.96	0.57
8H-6- 35	70.15	0.54	0.00	0.37
8H-C- 36	71.66	4.24	0.00	0.30
9H-1- 40	72.20	1.25	3.39	0.63
9H-2- 40	73.70	0.47	5.54	0.36
9H-3- 40	75.20	0.09	5.63	0.19
9H-4- 40	76.70	0.76	13.25	0.24
9H-5- 40	78.20	0.00	0.03	0.26
9H-6- 40	79.70	0.24	0.00	0.16
9H-7- 40	81.20	0.22	8.39	0.32
10H-1- 40	81.70	0.87	13.03	0.49
10H-2- 40	83.20	0.65	8.67	0.22
10H-3- 40	84.70	1.89	19.22	0.20
10H-4- 40	86.20	0.56	12.85	0.37
10H-5- 40	87.70	0.16	0.00	0.86

Table 1.3 (continued).

Sample no.	Depth (mbsf)	>63 μm (%)	Bulk $CaCO_3$ (%)	TOC (%)
10H-6- 40	89.20	0.56	0.00	0.83
10H-7- 40	90.70	0.68	15.86	0.29
11H-1- 40	91.20	0.42	4.36	0.23
11H-2- 40	92.70	5.16	7.61	0.24
11H-3- 40	94.20	0.24	3.07	0.19
11H-4- 40	95.70	0.53	0.00	0.22
11H-5- 40	97.20	0.78	16.87	0.75
11H-6- 40	98.70	1.10	20.03	0.31
11H-7- 16	99.96	3.73	0.00	0.16
12H-1- 40	100.70	0.64	0.00	0.34
12H-2- 40	102.20	0.77	0.00	0.63
12H-3- 40	103.70	5.37	0.00	0.41
12H-4- 40	105.20	2.00	0.00	1.12
12H-5- 40	106.70	1.59	0.00	0.70
12H-6- 40	108.20	0.50	0.00	0.65
13H-1- 40	110.20	2.14	0.00	1.21
13H-2- 40	111.70	1.04	0.00	1.44
13H-3- 40	113.20	0.32	0.00	1.61
13H-4- 40	114.70	1.38	0.00	0.45
13H-5- 40	116.20	1.59	0.00	0.39
13H-6- 40	117.70	0.82	0.00	0.39
13H-7- 40	119.20	1.39	0.00	0.35
14H-1- 40	119.70	0.47	0.00	0.60
14H-2- 40	121.20	3.39	0.00	0.31
14H-3- 40	122.70	0.66	0.00	0.44
14H-4- 40	124.20	1.78	0.00	0.74
14H-5- 40	125.70	1.02	0.00	0.67
14H-6- 40	127.20	1.36	0.00	1.84
15H-1- 39	129.19	0.81	0.00	0.51
15H-2- 39	130.69	0.54	0.00	0.46
15H-3- 39	132.19	0.52	0.00	0.39
15H-4- 39	133.69	0.27	0.00	0.57
15H-5- 39	135.19	3.12	0.00	0.68
15H-6- 39	136.69	0.96	0.00	0.30
16H-1- 38	138.68	2.50	0.00	0.26
16H-2- 38	140.18	5.30	0.00	0.37
16H-3- 38	141.68	1.01	12.30	0.37
16H-4- 38	143.18	1.31	0.00	0.35
16H-5- 38	144.68	1.53	0.00	0.72
16H-6- 38	146.18	1.21	0.00	0.09
16H-7- 38	147.68	2.81	0.00	0.36
17X-1- 50	148.30	1.13	0.00	0.29
18X-1- 40	157.70	2.21	0.00	0.32
18X-2- 40	159.20	0.54	0.00	0.81
19X-1- 41	167.21	3.57	0.00	0.24
19X-2- 41	168.71	1.02	0.00	0.29
19X-3- 41	170.21	1.50	0.00	0.35
19X-4- 41	171.71	1.55	0.00	0.31
19X-5- 41	173.21	0.85	0.00	0.46
19X-6- 41	174.71	0.66	0.00	0.46

Table 1.3 (continued).

Sample no.	Depth (mbsf)	>63 μm (%)	Bulk $CaCO_3$ (%)	TOC (%)
20X-1- 41	176.71	0.87	0.00	0.29
20X-2- 41	178.21	0.30	0.00	0.45
20X-3- 41	179.71	0.25	0.00	0.69
20X-4- 41	181.21	1.14	0.00	0.56
20X-5- 41	182.71	0.36	0.00	0.62
20X-6- 41	184.21	0.45	0.00	0.55
22X-1- 40	195.70	0.92	0.00	0.49
22X-2- 40	197.20	0.60	0.00	0.62
22X-3- 40	198.70	0.74	0.00	0.70
22X-4- 40	200.20	0.87	0.00	0.54
22X-5- 40	201.70		0.00	0.70
22X-6- 40	203.20	0.35	0.00	0.68
22X-7- 40	204.70	0.83	0.00	0.73
23X-1- 39	205.49	0.50	0.00	0.65
23X-2- 39	206.99	0.35	0.00	0.60
23X-3- 39	208.49	0.42	0.00	0.68
23X-4- 39	209.99	0.25	0.00	1.01
23X-5- 39	211.49	0.45		0.54
23X-6- 39	212.99	0.47	0.00	0.82
23X-7- 39	214.49	1.09	0.00	0.70
24X-1- 39	215.29	0.47	0.00	0.44
24X-2- 39	216.79	0.42	0.00	0.64
24X-3- 39	218.29	0.54	0.00	0.44
24X-4- 39	219.79	0.61	0.00	0.46
24X-5- 39	221.29	0.60	0.00	0.75
24X-6- 39	222.79	0.69	0.00	0.87
24X-7- 39	224.29	0.32	0.00	0.87
25X-1- 50	225.20	0.48	0.00	0.74
25X-2- 50	226.70	0.38	0.00	0.73
25X-3- 50	228.20	0.56	0.00	0.66
25X-4- 50	229.70	0.34	0.00	0.71
25X-5- 50	231.20	1.62	0.00	0.72
25X-6- 50	232.70	0.93	0.00	0.58
25X-7- 50	234.20	0.87	0.00	0.63
26X-1- 40	234.90	0.69	0.00	0.72
26X-2- 40	236.40	2.12	0.00	0.92
26X-3- 40	237.90	0.63	0.00	0.81
26X-4- 40	239.40	2.52	0.00	0.77
26X-5- 40	240.90	0.72	0.00	0.65
26X-6- 40	242.40	0.61	0.00	0.79
27X-1- 40	244.70	0.24	0.00	0.79
27X-2- 40	246.20	0.27	0.00	0.87
27X-3- 40	247.70	2.65	0.00	1.07
27X-4- 40	249.20	0.62	0.00	0.72
27X-5- 40	250.70	0.27	0.00	0.82
27X-6- 40	252.20	0.87	0.00	0.86
28X-1- 40	254.50	0.66	0.00	0.84
28X-2- 40	256.00	1.62	0.00	0.79
28X-3- 40	257.50	0.59	0.00	1.14
28X-4- 40	259.00	0.24	0.00	0.95
28X-5- 40	260.50		0.00	0.75

Table 1.3 (continued).

Sample no.	Depth (mbsf)	>63 μm (%)	Bulk $CaCO_3$ (%)	TOC (%)
28X-6- 40	262.00		0.00	0.92
29X-1- 39	264.29		0.00	0.74
29X-2- 39	265.79		0.00	0.82
29X-3- 39	267.29		0.00	0.47
29X-4- 39	268.79		0.00	0.61
29X-5- 39	270.29		0.00	0.68
29X-6- 39	271.79		0.00	0.59
31X-2- 43	285.43		0.00	0.96
31X-3- 43	286.93		0.00	0.67
31X-4- 43	288.43		0.00	0.59
31X-5- 43	289.93		0.00	0.62
31X-6- 43	291.43		0.00	0.88
32X-1- 43	293.73		0.00	1.10
32X-2- 43	295.23		0.00	1.16
32X-3- 43	296.73		0.00	0.76
33X-1- 62	303.72		0.00	1.45
34X-1- 38	313.28		0.00	0.82
35X-1- 61	323.31		0.00	0.56
36X-2- 40	332.90		0.00	0.79
37X-3- 38	342.68		0.00	1.27
38X-1- 46	352.56		0.00	1.04
39X-1- 58	362.38		0.00	0.35
41X-1- 93	382.03		0.00	0.48

Table 1.3 (continued).

			Coarse fraction component analysis (wt%)									
Sample no.	Depth mbsf	>63 μm (%)	Benthic foram. (%)	Plankt. foram. (%)	Biogenic opal cf (%)	Quartz (%)	Feldspar (%)	Mica (%)	Rock fr. (%)	Hev. min. (%)	Volc. gl. (%)	Auth. (%)
1H-1- 20	0.20	10.81	0.25	3.99	0.03	5.59	0.25	0.03	0.66	0.00	0.00	0.00
1H-1- 40	0.40	25.37	0.48	7.26	0.08	15.55	0.96	0.05	0.74	0.18	0.00	0.08
1H-1- 60	0.60	4.95	0.01	0.35	0.00	3.76	0.55	0.01	0.22	0.01	0.00	0.01
1H-1- 81	0.80	9.01	0.05	5.17	0.00	2.96	0.54	0.05	0.15	0.07	0.00	0.00
1H-1-101	1.01	5.64	0.05	0.14	0.00	4.91	0.06	0.01	0.39	0.05	0.00	0.02
1H-1-121	1.21	21.29	0.13	7.22	0.21	11.65	0.38	0.38	0.94	0.13	0.00	0.21
1H-1-141	1.41	24.87	0.05	11.22	0.45	10.82	0.65	0.25	0.80	0.40	0.00	0.20
1H-2- 20	1.70	26.81	0.00	0.05	0.00	18.04	5.39	0.19	2.49	0.64	0.00	0.00
1H-2- 41	1.90	19.33	0.00	0.15	0.08	11.68	4.14	0.00	2.32	0.97	0.00	0.00
1H-2- 64	2.14	37.37	0.30	33.71	0.49	2.06	0.56	0.00	0.30	0.00	0.00	0.00
1H-2- 81	2.31	30.63	0.83	23.89	0.40	4.59	0.12	0.00	0.55	0.12	0.00	0.12
1H-2-101	2.51	27.59	0.99	18.29	0.61	6.21	0.08	0.17	1.19	0.06	0.00	0.00
1H-3- 40	2.71	13.00	0.00	0.56	0.00	8.42	0.71	0.00	3.29	0.00	0.00	0.00
1H-3- 62	3.40	4.32	0.01	0.30	0.00	3.16	0.33	0.02	0.48	0.01	0.00	0.02
1H-3- 82	3.62	21.61	0.00	0.24	0.00	18.02	0.39	0.15	2.36	0.28	0.00	0.15
1H-3-101	3.82	13.97	0.06	6.78	0.03	6.69	0.06	0.00	0.27	0.03	0.00	0.06
1H-3-141	4.41	18.33	0.04	11.77	0.04	5.43	0.33	0.07	0.57	0.09	0.00	0.00
1H-4- 21	4.71	29.08	0.00	0.23	0.00	22.97	2.04	0.00	3.43	0.17	0.00	0.23
1H-4- 41	4.91	16.70	0.05	1.05	0.00	12.37	1.79	0.05	1.09	0.13	0.00	0.17
2H-1- 21	5.31	17.31	0.09	3.15	0.00	9.54	0.92	0.09	3.08	0.45	0.00	0.00
2H-1- 40	5.70	24.82	0.10	21.42	0.00	2.41	0.17	0.12	0.62	0.00	0.00	0.00
2H-1- 60	5.90	9.54	0.04	7.52	0.00	1.54	0.10	0.10	0.21	0.02	0.00	0.02
2H-1- 82	6.12	18.23	0.00	0.04	0.00	10.87	2.11	0.13	4.72	0.35	0.00	0.04
2H-1-100	6.30	20.90	0.13	0.00	0.00	13.40	2.09	0.08	4.97	0.10	0.00	0.15
2H-1-120	6.50	5.83	0.02	4.11	0.09	1.35	0.06	0.02	0.15	0.01	0.00	0.00
2H-1-142	6.72	21.53	0.52	20.11	0.00	0.84	0.00	0.00	0.09	0.00	0.00	0.00
2H-2- 21	7.01	14.02	0.29	12.62	0.00	1.01	0.00	0.00	0.11	0.00	0.00	0.00
2H-2- 40	7.20	11.13	0.47	6.99	0.00	2.83	0.14	0.18	0.49	0.01	0.00	0.00
2H-2- 60	7.40	13.34	0.12	6.43	0.00	5.78	0.09	0.12	0.73	0.00	0.00	0.05
2H-2- 82	7.62	17.70	0.07	14.74	0.00	2.48	0.21	0.00	0.21	0.00	0.00	0.00
2H-2-100	7.80	9.30	0.08	2.65	0.00	4.70	0.95	0.07	0.77	0.00	0.00	0.03
2H-2-120	8.00	9.17	0.00	0.04	0.00	7.21	0.29	0.02	1.50	0.07	0.02	0.02
2H-2-142	8.22	3.10	0.00	0.01	0.00	1.99	0.69	0.02	0.37	0.02	0.00	0.01
2H-3- 40	8.70	2.93	0.13	2.42	0.00	0.21	0.04	0.00	0.12	0.00	0.00	0.00
2H-3- 60	8.90	12.62	0.15	8.83	0.00	2.73	0.00	0.23	0.57	0.10	0.03	0.00
2H-3- 82	9.12	6.83	0.05	0.92	0.00	3.71	0.79	0.00	1.32	0.03	0.00	0.01
2H-3-100	9.30	11.21	0.07	7.08	0.18	2.67	0.72	0.02	0.46	0.02	0.00	0.00
2H-3-120	9.50	21.16	0.23	19.15	0.02	1.31	0.15	0.06	0.17	0.00	0.00	0.00
2H-3-142	9.72	16.53	0.08	13.12	0.00	2.25	0.36	0.00	0.71	0.00	0.00	0.00
2H-4- 21	10.01	10.40	0.22	9.36	0.00	0.53	0.07	0.04	0.11	0.02	0.00	0.00
2H-4- 40	10.20	1.48	0.28	1.08	0.00	0.03	0.00	0.00	0.08	0.00	0.00	0.00
2H-4- 60	10.40	0.20	0.01	0.07	0.00	0.06	0.01	0.00	0.01	0.00	0.03	0.00
2H-4- 82	10.62	24.70	0.00	0.44	0.05	20.38	1.98	0.00	1.68	0.15	0.00	0.00
2H-4-106	10.86	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
2H-4-120	11.00	6.90	0.03	0.21	0.03	5.11	0.05	0.05	1.19	0.05	0.10	0.09
2H-5- 21	11.51	14.40	0.00	0.09	0.00	11.38	0.58	0.09	2.06	0.06	0.12	0.03
2H-5- 40	11.70	15.84	0.00	0.41	0.00	12.34	0.33	0.06	2.14	0.10	0.24	0.22
2H-5- 60	11.90	20.95	0.08	3.27	0.08	14.81	0.31	0.19	1.68	0.00	0.42	0.13
2H-5- 82	12.12	13.62	0.00	11.29	0.00	1.65	0.00	0.03	0.46	0.03	0.08	0.05
2H-5-100	12.30	10.50	0.11	9.64	0.00	0.63	0.00	0.00	0.14	0.00	0.00	0.00

Table 1.3 (continued).

Sample no.	Depth mbsf	>63 μm (%)	Coarse fraction component analysis (wt%)									
			Benthic foram. (%)	Plankt. foram. (%)	Biogenic opal cf (%)	Quartz (%)	Feldspar (%)	Mica (%)	Rock fr. (%)	Hev. min. (%)	Volc. gl. (%)	Auth. (%)
2H-5-120	12.50	11.50	0.02	0.22	0.02	9.60	0.05	0.07	1.46	0.02	0.02	0.02
2H-5-142	12.72	15.68	0.31	14.60	0.00	0.27	0.00	0.03	0.36	0.03	0.00	0.00
2H-6- 21	13.01	10.87	0.26	10.34	0.00	0.17	0.00	0.00	0.10	0.00	0.00	0.00
2H-6- 40	13.20	16.40	0.03	1.98	0.00	11.38	0.69	0.33	1.54	0.00	0.26	0.18
2H-6- 60	13.40	2.50	0.03	1.02	0.00	1.08	0.06	0.03	0.24	0.00	0.00	0.03
2H-6- 82	13.62	2.55	0.02	0.95	0.00	1.20	0.04	0.05	0.23	0.01	0.06	0.01
2H-6-111	13.91	9.24	0.23	6.90	0.02	1.31	0.33	0.02	0.30	0.04	0.00	0.08
2H-6-120	14.00	6.20	0.12	1.48	0.00	3.42	0.16	0.11	0.70	0.04	0.16	0.01
2H-6-142	14.22	20.32	0.00	0.28	0.00	14.14	1.50	0.04	3.78	0.04	0.35	0.20
2H-7- 21	14.51	23.40	0.00	0.14	0.00	19.16	1.47	0.00	2.48	0.14	0.00	0.00
2H-7- 40	14.70	6.42	0.04	3.48	0.01	2.60	0.06	0.01	0.20	0.00	0.00	0.01
3H-1- 25	15.05	18.09	0.33	14.49	0.04	2.12	0.45	0.09	0.54	0.04	0.00	0.00
3H-1- 42	15.21	9.10	0.00	5.76	0.00	2.75	0.10	0.02	0.41	0.00	0.00	0.07
3H-2- 20	16.50	8.70	0.00	7.72	0.19	0.58	0.00	0.00	0.21	0.00	0.00	0.02
3H-2- 42	16.72	11.14	0.18	9.08	0.04	1.41	0.08	0.00	0.30	0.01	0.00	0.00
3H-2- 60	16.90	19.61	0.16	18.26	0.04	0.73	0.00	0.12	0.20	0.00	0.00	0.00
3H-2- 82	17.12	15.11	0.00	10.92	0.00	3.63	0.08	0.03	0.38	0.00	0.00	0.00
3H-2-101	17.31	2.63	0.00	1.18	0.00	1.21	0.02	0.03	0.17	0.00	0.00	0.02
3H-2-120	17.50	7.11	0.00	0.27	0.01	6.02	0.08	0.14	0.33	0.06	0.00	0.21
3H-2-142	17.72	20.10	0.00	0.20	0.00	17.09	0.46	0.00	1.97	0.04	0.00	0.38
3H-3- 20	18.00	6.84	0.00	0.33	0.03	4.45	0.38	0.00	1.37	0.04	0.00	0.18
3H-3- 25	18.05	19.68	0.04	2.03	0.00	13.82	0.49	2.05	1.24	0.00	0.00	0.00
3H-3- 40	18.20	4.40	0.01	0.51	0.01	3.25	0.15	0.02	0.42	0.02	0.00	0.03
3H-3- 58	18.38	17.97	0.04	0.34	0.00	14.90	0.34	0.34	1.71	0.04	0.07	0.20
3H-3- 82	18.62	0.69	0.00	0.14	0.00	0.48	0.02	0.00	0.05	0.00	0.01	0.00
3H-3-116	18.96	2.00	0.01	0.17	0.00	1.46	0.16	0.00	0.17	0.01	0.00	0.01
3H-3-121	19.03	8.92	0.00	0.00	0.00	7.56	0.46	0.00	0.78	0.05	0.00	0.05
3H-4- 20	19.50	16.60	0.00	0.07	0.00	11.87	1.94	0.12	2.44	0.12	0.00	0.00
3H-4- 42	19.72	2.68	0.01	0.21	0.02	2.03	0.04	0.05	0.28	0.01	0.00	0.03
3H-4- 58	19.88	2.30	0.00	0.18	0.00	1.53	0.16	0.01	0.38	0.01	0.00	0.02
3H-4- 82	20.12	3.10	0.05	0.69	0.02	1.92	0.16	0.04	0.21	0.01	0.00	0.02
3H-4-100	20.30	11.76	0.02	1.49	0.00	7.94	0.94	0.09	1.12	0.14	0.00	0.02
3H-4-122	20.52	14.78	0.00	14.40	0.00	0.30	0.00	0.00	0.09	0.00	0.00	0.00
3H-4-142	20.72	6.33	0.01	2.20	0.01	3.64	0.12	0.12	0.20	0.01	0.00	0.01
3H-5- 20	21.00	2.41	0.01	0.15	0.00	1.95	0.12	0.01	0.16	0.00	0.00	0.01
3H-5- 40	21.20	10.41	0.24	1.95	0.00	6.93	0.16	0.41	0.68	0.02	0.00	0.02
3H-5- 58	21.38	6.44	0.12	4.53	0.00	1.45	0.06	0.04	0.17	0.01	0.03	0.00
3H-5- 82	21.62	6.30	0.01	0.50	0.00	4.62	0.21	0.08	0.77	0.01	0.03	0.06
3H-5-100	21.80	4.11	0.02	0.83	0.00	2.73	0.03	0.11	0.30	0.00	0.05	0.05
3H-5-120	22.00	12.18	0.10	1.19	0.00	8.79	0.30	0.07	1.50	0.07	0.00	0.16
3H-5-140	22.20	6.52	0.00	4.27	0.00	1.92	0.04	0.00	0.29	0.00	0.00	0.00
3H-6- 20	22.50	5.70	0.00	2.99	0.00	2.29	0.12	0.12	0.17	0.01	0.00	0.00
3H-6- 40	22.70	7.70	0.32	5.91	0.00	1.14	0.20	0.02	0.12	0.00	0.00	0.00
3H-6- 58	22.88	12.60	0.47	8.00	0.00	3.69	0.13	0.11	0.19	0.01	0.00	0.01
3H-6- 82	23.12	6.95	0.00	0.23	0.00	4.46	0.34	0.10	1.71	0.06	0.00	0.04
3H-6-100	23.30	2.98	0.02	0.60	0.00	1.79	0.19	0.04	0.30	0.01	0.00	0.04
3H-6-120	23.50	3.98	0.04	1.72	0.00	1.74	0.21	0.12	0.10	0.02	0.00	0.03
3H-6-140	23.70	4.22	0.02	2.38	0.00	1.27	0.22	0.09	0.22	0.00	0.00	0.03
3H-7- 20	24.00	9.10	0.08	6.22	0.00	2.14	0.42	0.08	0.10	0.00	0.00	0.02
3H-7- 40	24.20	14.30	0.03	7.19	0.00	5.75	0.73	0.20	0.34	0.03	0.00	0.03

Table 1.3 (continued).

			Coarse fraction component analysis (wt%)									
Sample no.	Depth mbsf	>63 μm (%)	Benthic foram. (%)	Plankt. foram. (%)	Biogenic opal cf (%)	Quartz (%)	Feldspar (%)	Mica (%)	Rock fr. (%)	Hev. min. (%)	Volc. gl. (%)	Auth. (%)
3H-7- 56	24.30	13.24	0.05	5.57	0.00	6.83	0.28	0.08	0.30	0.03	0.00	0.05
4H-1- 20	24.50	2.10	0.00	0.34	0.00	1.46	0.11	0.08	0.05	0.01	0.00	0.03
4H-1- 40	24.70	4.85	0.01	2.08	0.01	2.21	0.16	0.05	0.31	0.00	0.00	0.01
4H-1- 60	24.90	0.83	0.00	0.03	0.00	0.66	0.03	0.05	0.04	0.01	0.00	0.01
4H-1- 80	25.10	4.00	0.02	0.87	0.00	2.85	0.09	0.02	0.12	0.00	0.00	0.03
4H-1- 94	25.24	8.06	0.00	0.74	0.00	6.41	0.36	0.27	0.19	0.03	0.00	0.05
4H-1-100	25.30	7.10	0.00	0.77	0.01	5.37	0.33	0.33	0.09	0.03	0.00	0.05
4H-1-120	25.50	6.50	0.00	4.34	0.00	1.67	0.21	0.10	0.16	0.00	0.00	0.01
4H-1-140	25.70	10.92	0.00	0.28	0.00	7.85	0.10	2.26	0.34	0.00	0.00	0.08
4H-2- 20	26.00	5.40	0.05	0.11	0.00	4.22	0.35	0.46	0.17	0.01	0.00	0.03
4H-2- 40	26.20	3.40	0.02	0.09	0.00	2.45	0.04	0.18	0.56	0.00	0.00	0.06
4H-2- 60	26.40	1.21	0.00	0.09	0.00	1.01	0.03	0.03	0.02	0.01	0.00	0.01
4H-2- 80	26.60	2.50	0.00	0.02	0.00	2.05	0.08	0.12	0.22	0.00	0.00	0.02
4H-2-100	26.80	8.92	0.07	5.89	0.00	2.25	0.09	0.23	0.36	0.00	0.00	0.02
4H-2-120	27.00	6.65	0.00	2.51	0.00	3.33	0.11	0.13	0.55	0.00	0.00	0.00
4H-2-140	27.30	1.67	0.00	0.05	0.00	1.39	0.04	0.07	0.09	0.00	0.00	0.01
4H-3- 20	27.30	11.50	0.00	0.05	0.00	8.91	0.38	0.14	1.97	0.05	0.00	0.02
4H-3- 40	27.60	2.95	0.01	0.00	0.00	2.44	0.09	0.17	0.19	0.02	0.00	0.02
4H-3- 60	27.80	3.00	0.00	0.76	0.00	1.52	0.54	0.01	0.13	0.04	0.00	0.00
4H-3- 80	28.00	15.83	0.00	0.00	0.00	10.40	3.15	0.00	1.35	0.71	0.00	0.22
4H-3- 94	28.14	7.38	0.00	0.85	0.01	4.44	1.08	0.00	0.66	0.29	0.00	0.03
4H-3-100	28.20	1.72	0.00	0.12	0.01	1.36	0.05	0.06	0.12	0.00	0.00	0.00
4H-3-120	28.40	20.04	0.00	0.00	0.00	13.27	3.29	0.04	2.51	0.70	0.00	0.24
4H-3-140	28.60	14.20	0.09	11.32	0.00	1.78	0.50	0.00	0.47	0.00	0.00	0.00
4H-4- 20	29.00	17.10	0.00	0.07	0.00	14.95	0.34	0.38	1.09	0.19	0.00	0.07
4H-4- 40	29.20	18.20	0.00	0.04	0.00	16.38	0.25	0.00	1.06	0.22	0.00	0.22
4H-4- 60	29.40	3.30	0.00	0.10	0.00	2.60	0.03	0.05	0.50	0.01	0.00	0.03
4H-4- 80	29.60	10.30	0.00	7.28	0.00	2.52	0.02	0.25	0.21	0.00	0.00	0.00
4H-4-100	29.80	8.30	0.00	0.02	0.00	7.63	0.06	0.25	0.16	0.13	0.00	0.06
4H-4-120	30.00	6.70	0.00	0.03	0.01	5.55	0.14	0.22	0.73	0.01	0.00	0.00
4H-5- 18	30.48	10.95	0.02	0.04	0.00	9.94	0.00	0.32	0.59	0.00	0.00	0.04
4H-5- 40	30.70	9.04	0.02	0.40	0.00	7.06	0.23	0.11	1.17	0.04	0.00	0.04
4H-5- 94	31.24	18.40	0.04	0.18	0.00	14.57	0.24	0.39	2.13	0.00	0.00	0.24
4H-5-100	31.30	15.30	0.00	2.30	0.00	10.86	0.15	0.03	1.79	0.06	0.00	0.06
4H-5-120	31.50	9.99	0.27	9.40	0.00	0.11	0.00	0.04	0.06	0.00	0.00	0.00
4H-5-140	31.70	4.80	0.00	0.13	0.01	3.91	0.05	0.41	0.30	0.00	0.00	0.00
4H-6- 16	31.96	8.30	0.00	0.12	0.00	6.96	0.28	0.18	0.67	0.00	0.00	0.10
4H-6- 40	32.20	9.70	0.02	0.95	0.04	7.04	0.28	0.34	0.92	0.04	0.00	0.07
4H-6- 60	32.40	15.20	0.00	0.36	0.06	11.52	0.47	0.14	2.33	0.00	0.00	0.30
4H-6- 80	32.60	6.20	0.00	0.57	0.01	4.92	0.05	0.12	0.46	0.01	0.00	0.05
4H-6-100	32.80	5.50	0.00	0.00	0.03	4.55	0.03	0.15	0.68	0.01	0.00	0.02
4H-6-120	33.00	12.20	0.00	0.02	0.00	10.07	0.10	0.35	1.61	0.00	0.00	0.05
4H-6-140	33.20	20.30	0.00	6.76	0.08	9.83	0.16	0.51	2.44	0.00	0.00	0.04
4H-7- 20	33.50	12.40	0.00	0.02	0.02	9.97	0.12	0.83	1.20	0.10	0.00	0.10
4H-7- 40	33.70	10.40	0.00	0.06	0.02	8.05	0.12	0.20	1.91	0.04	0.00	0.00
5H-1- 17	33.97	3.40	0.00	0.01	0.01	2.72	0.04	0.02	0.58	0.01	0.00	0.02
5H-1- 42	34.22	2.00	0.00	0.00	0.02	1.53	0.07	0.04	0.31	0.01	0.00	0.02
5H-1- 62	34.42	4.30	0.00	0.02	0.00	3.38	0.02	0.06	0.82	0.00	0.00	0.01
5H-1- 82	34.62	9.90	0.00	0.00	0.10	7.80	0.08	0.90	0.94	0.02	0.00	0.06
5H-1-102	34.82	22.10	0.00	0.00	0.00	18.65	0.66	1.04	1.66	0.04	0.00	0.04

Table 1.3 (continued).

			Coarse fraction component analysis (wt%)									
Sample no.	Depth mbsf	>63 μm (%)	Benthic foram. (%)	Plankt. foram. (%)	Biogenic opal cf (%)	Quartz (%)	Feldspar (%)	Mica (%)	Rock fr. (%)	Hev. min. (%)	Volc. gl. (%)	Auth. (%)
5H-1-123	35.03	17.80	0.00	0.00	0.00	14.97	0.20	0.64	1.89	0.04	0.00	0.07
5H-1-142	35.22	12.40	0.02	0.00	0.02	10.24	0.29	0.11	1.36	0.21	0.00	0.14
5H-2- 17	35.47	11.60	0.00	0.00	0.00	9.83	0.16	0.14	1.42	0.00	0.00	0.07
5H-2- 42	35.72	7.50	0.00	0.00	0.02	6.52	0.11	0.33	0.50	0.00	0.00	0.02
5H-2- 62	35.92	3.72	0.00	0.00	0.00	3.21	0.07	0.04	0.23	0.12	0.00	0.06
5H-2- 82	36.12	11.82	0.00	0.00	0.00	8.81	0.25	0.08	1.23	1.31	0.00	0.17
5H-2-102	36.32	7.00	0.00	0.00	0.00	5.94	0.13	0.25	0.59	0.03	0.00	0.06
5H-2-123	36.43	5.10	0.00	0.00	0.00	3.92	0.24	0.07	0.77	0.07	0.00	0.03
5H-2-142	36.61	7.10	0.00	0.00	0.01	6.02	0.15	0.18	0.36	0.29	0.00	0.09
5H-3- 17	36.97	12.10	0.00	0.02	0.02	9.68	0.73	1.13	0.36	0.05	0.00	0.12
5H-3- 42	37.22	6.90	0.00	0.00	0.00	5.42	0.34	0.44	0.61	0.03	0.00	0.06
5H-3- 62	37.42	5.00	0.00	0.00	0.01	4.17	0.29	0.12	0.39	0.02	0.00	0.01
5H-3- 82	37.62	12.70	0.00	0.00	0.00	10.13	0.83	0.52	1.07	0.03	0.00	0.13
5H-3-102	37.82	13.63	0.00	0.00	0.00	10.75	0.83	0.25	1.46	0.00	0.00	0.35
5H-3-142	38.22	9.90	0.00	0.00	0.00	8.29	0.35	0.50	0.65	0.00	0.00	0.12
5H-4- 17	38.47	7.41	0.40	0.01	0.00	6.34	0.15	0.11	0.16	0.16	0.00	0.07
5H-4- 42	38.72	8.72	0.04	0.00	0.00	7.90	0.19	0.10	0.19	0.22	0.00	0.06
5H-4- 82	39.12	8.60	0.00	0.00	0.00	7.88	0.12	0.28	0.18	0.06	0.00	0.06
5H-4-102	39.32	6.10	0.06	0.00	0.00	5.40	0.04	0.18	0.20	0.15	0.00	0.07
5H-4-123	39.43	11.40	0.02	0.00	0.00	9.77	0.11	0.22	0.60	0.43	0.00	0.24
5H-4-143	39.62	12.50	0.00	0.00	0.00	10.74	0.21	0.33	0.64	0.48	0.00	0.11
5H-5- 17	39.97	10.72	0.00	0.02	0.00	9.27	0.23	0.53	0.34	0.23	0.00	0.10
5H-5- 42	40.22	2.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.42	0.00
5H-5- 62	40.42	8.88	0.00	0.00	0.00	7.57	0.07	0.04	1.12	0.04	0.00	0.05
5H-5- 82	40.62	5.80	0.00	0.00	0.00	4.96	0.06	0.24	0.52	0.02	0.00	0.00
5H-5-102	40.82	6.00	0.00	0.00	0.00	4.93	0.09	0.25	0.72	0.01	0.00	0.00
5H-5-123	41.03	6.05	0.00	0.00	0.00	4.76	0.16	0.20	0.81	0.00	0.11	0.01
5H-6- 17	41.47	6.70	0.01	0.00	0.00	5.33	0.29	0.21	0.64	0.00	0.21	0.01
5H-6- 42	41.72	7.64	0.00	0.00	0.00	6.06	0.27	0.08	1.18	0.00	0.03	0.03
5H-6- 62	41.92	3.89	0.00	0.00	0.07	3.03	0.09	0.10	0.45	0.02	0.11	0.02
5H-6- 82	42.12	4.02	0.00	0.00	0.03	3.17	0.04	0.08	0.68	0.00	0.02	0.02
5H-6-102	42.32	4.90	0.00	0.00	0.00	4.24	0.07	0.06	0.43	0.04	0.01	0.06
5H-6-122	42.42	14.50	0.00	0.00	0.12	11.89	0.36	0.12	0.96	0.03	0.00	1.04
5H-6-142	42.62	10.21	0.00	0.00	0.00	8.40	0.14	0.16	1.00	0.08	0.00	0.42
6H-1- 20	43.50	17.44	0.00	1.13	0.26	12.84	0.19	0.52	1.46	0.12	0.00	0.91
6H-1- 42	43.70	10.40	0.00	0.00	0.02	7.90	0.10	0.18	0.47	0.10	0.00	1.61
6H-1- 61	43.91	13.30	0.00	0.00	0.00	10.99	0.20	0.31	1.26	0.08	0.00	0.47
6H-1- 83	44.13	13.20	0.00	0.34	0.00	11.52	0.25	0.17	0.74	0.08	0.00	0.09
6H-1-102	44.32	4.20	0.00	0.01	0.00	3.61	0.06	0.09	0.37	0.05	0.00	0.02
6H-1-120	44.50	12.10	0.02	0.05	0.05	7.95	0.41	0.31	1.38	0.29	1.59	0.05
6H-1-142	44.72	8.30	0.00	0.00	0.10	6.54	0.12	0.55	0.52	0.34	0.00	0.08
6H-2- 20	45.00	5.52	0.00	0.00	0.03	4.33	0.11	0.38	0.63	0.02	0.00	0.02
6H-2-42?	45.22	3.40	0.00	0.24	0.00	2.55	0.05	0.10	0.42	0.01	0.00	0.03
6H-2- 61	45.44	17.82	0.00	0.00	0.00	16.43	0.18	0.21	0.66	0.14	0.00	0.21
6H-2-102	45.82	13.10	0.00	0.00	0.03	11.08	0.39	0.41	0.93	0.09	0.00	0.17
6H-2-120	46.00	13.80	0.00	0.03	0.00	11.76	0.33	0.83	0.73	0.00	0.00	0.12
6H-2-142	46.20	19.50	0.00	0.04	0.04	17.47	0.20	0.70	0.90	0.08	0.00	0.08
6H-3- 20	46.50	3.65	0.00	0.00	0.00	2.81	0.04	0.49	0.30	0.01	0.00	0.01
6H-3- 42	46.72	8.70	0.00	0.00	0.02	7.36	0.03	0.23	0.99	0.05	0.00	0.02
6H-3- 61	46.90	4.70	0.00	0.00	0.00	2.73	0.07	1.60	0.29	0.00	0.00	0.01

Table 1.3 (continued).

Sample no.	Depth mbsf	>63 μm (%)	Coarse fraction component analysis (wt%)									
			Benthic foram. (%)	Plankt. foram. (%)	Biogenic opal cf (%)	Quartz (%)	Feldspar (%)	Mica (%)	Rock fr. (%)	Hev. min. (%)	Volc. gl. (%)	Auth. (%)
6H-3- 83	47.13	6.22	0.00	0.00	0.00	3.61	0.09	2.11	0.38	0.00	0.00	0.01
6H-3-102	47.32	4.40	0.00	0.00	0.00	3.62	0.10	0.12	0.55	0.00	0.00	0.01
6H-3-120	47.50	1.98	0.00	0.01	0.00	1.57	0.05	0.11	0.20	0.00	0.00	0.02
6H-3-142	47.72	4.04	0.00	0.00	0.00	3.11	0.05	0.39	0.47	0.02	0.00	0.00
6H-4- 20	48.00	8.72	0.00	0.00	0.00	7.13	0.12	0.29	1.12	0.03	0.00	0.02
6H-4- 42	48.22	9.70	0.00	0.00	0.00	7.95	0.02	0.19	1.35	0.02	0.00	0.17
6H-4- 61	48.40	6.35	0.00	0.00	0.00	5.37	0.08	0.16	0.70	0.00	0.00	0.04
6H-4- 83	48.63	11.90	0.00	0.00	0.00	9.50	0.32	0.10	1.76	0.12	0.00	0.12
6H-4-102	48.82	18.87	0.00	0.04	0.00	12.59	0.25	2.28	3.64	0.00	0.00	0.08
6H-4-120	49.01	5.40	0.00	0.00	0.00	4.55	0.14	0.22	0.44	0.01	0.00	0.04
6H-5- 20	49.50	3.42	0.00	0.00	0.01	2.82	0.06	0.20	0.30	0.03	0.00	0.00
6H-5- 42	49.72	8.20	0.00	0.00	0.00	6.89	0.18	0.23	1.56	0.02	0.00	0.13
6H-5- 61	49.90	5.40	0.00	0.00	0.00	3.45	0.14	0.90	0.81	0.05	0.00	0.05
6H-5- 83	50.13	12.20	0.00	0.00	0.00	10.58	0.20	0.57	0.82	0.00	0.00	0.05
6H-5-102	50.32	6.70	0.00	0.00	0.00	5.43	0.03	0.16	1.05	0.03	0.00	0.01
6H-5-120	50.50	9.22	0.00	0.00	0.00	6.98	0.29	0.76	1.00	0.00	0.00	0.19
6H-5-142	50.72	7.00	0.00	0.00	0.00	5.11	0.44	0.08	1.30	0.06	0.00	0.02
6H-6- 20	51.00	3.44	0.00	0.00	0.18	2.15	0.24	0.09	0.70	0.08	0.00	0.00
6H-6- 42	51.22	1.80	0.00	0.00	0.12	1.19	0.08	0.08	0.31	0.00	0.00	0.00
6H-6- 46	51.26	5.20	0.00	0.01	0.00	3.73	0.13	0.25	1.03	0.04	0.00	0.01
6H-6- 60	51.40	1.34	0.00	0.00	0.01	0.94	0.06	0.09	0.23	0.00	0.00	0.00
7H-1- 21	53.01	4.70	0.02	0.00	0.31	3.09	0.17	0.16	0.79	0.02	0.00	0.14
7H-1- 41	53.21	1.82	0.00	0.00	0.02	1.39	0.11	0.07	0.23	0.00	0.00	0.00
7H-1- 62	53.42	2.70	0.00	0.00	0.01	1.93	0.16	0.15	0.35	0.01	0.06	0.03
7H-1- 83	53.62	2.83	0.00	0.01	0.07	0.93	0.11	0.07	0.07	0.00	1.55	0.03
7H-1-105	53.84	0.81	0.33	0.06	0.01	0.28	0.01	0.02	0.03	0.01	0.07	0.00
7H-1-122	54.06	1.11	0.25	0.23	0.38	0.13	0.00	0.05	0.01	0.01	0.05	0.00
7H-1-142	54.22	1.30	0.68	0.19	0.23	0.08	0.00	0.04	0.03	0.02	0.02	0.00
7H-2- 21	54.31	0.56	0.01	0.01	0.32	0.16	0.00	0.04	0.02	0.01	0.00	0.00
7H-2- 41	54.72	0.40	0.00	0.00	0.05	0.27	0.01	0.01	0.05	0.00	0.00	0.01
7H-2- 64	54.90	0.64	0.38	0.06	0.02	0.14	0.00	0.00	0.02	0.00	0.00	0.01
7H-2- 83	55.13	0.64	0.08	0.14	0.20	0.03	0.00	0.02	0.15	0.00	0.01	0.00
7H-2-105	55.35	0.71	0.08	0.10	0.16	0.02	0.00	0.05	0.00	0.00	0.05	0.18
7H-2-120	55.53	1.51	0.04	0.03	0.53	0.03	0.00	0.06	0.00	0.00	0.13	0.01
7H-2-142	55.72	1.40	0.20	0.04	0.21	0.07	0.00	0.06	0.00	0.00	0.07	0.19
7H-3- 21	56.01	1.84	0.07	0.01	1.15	0.01	0.01	0.03	0.00	0.00	0.24	0.24
7H-3- 41	56.21	1.30	0.18	0.03	0.70	0.02	0.00	0.02	0.00	0.00	0.11	0.16
7H-3- 62	56.42	3.22	0.68	0.73	0.47	0.03	0.00	0.06	0.01	0.13	0.42	0.14
7H-3- 82	56.62	2.50	0.96	0.26	0.61	0.00	0.00	0.02	0.00	0.00	0.44	0.05
7H-3-122	57.02	0.84	0.20	0.04	0.22	0.02	0.00	0.04	0.00	0.00	0.00	0.24
7H-4- 21	57.51	0.86	0.13	0.13	0.45	0.01	0.00	0.00	0.04	0.00	0.01	0.09
7H-4- 41	57.72	1.20	0.44	0.18	0.32	0.02	0.00	0.00	0.00	0.00	0.08	0.01
7H-4- 62	57.80	1.73	0.12	0.04	1.40	0.00	0.00	0.00	0.02	0.00	0.05	0.10
7H-4- 83	58.13	2.70	0.14	0.05	2.07	0.00	0.00	0.01	0.07	0.00	0.30	0.06
7H-4-142	58.72	2.10	0.48	0.70	0.73	0.02	0.00	0.00	0.01	0.00	0.16	0.00
7H-5- 21	59.01	3.98	1.13	0.81	0.55	0.29	0.00	0.01	0.10	0.00	1.05	0.04
7H-5- 41	59.21	2.40	0.27	0.21	1.34	0.05	0.00	0.01	0.08	0.00	0.43	0.00
7H-5- 62	59.42	2.95	0.03	0.03	2.22	0.01	0.00	0.07	0.01	0.00	0.47	0.11
7H-5- 83	59.62	5.57	0.01	0.07	0.94	0.00	0.03	0.05	0.00	0.03	1.41	3.03
7H-5-105	59.84	1.40	0.01	0.01	0.69	0.11	0.00	0.06	0.00	0.02	0.32	0.19

Table 1.3 (continued).

			Coarse fraction component analysis (wt%)									
Sample no.	Depth mbsf	>63 μm (%)	Benthic foram. (%)	Plankt. foram. (%)	Biogenic opal cf (%)	Quartz (%)	Feldspar (%)	Mica (%)	Rock fr. (%)	Hev. min. (%)	Volc. gl. (%)	Auth. (%)
7H-5-122	60.02	2.36	0.00	0.01	1.20	0.22	0.00	0.02	0.78	0.00	0.12	0.01
7H-6- 12	60.42	4.08	0.00	0.00	2.38	0.15	0.00	0.02	0.44	0.00	1.09	0.01
8H-1- 35	62.65	1.80	0.00	0.02	0.80	0.33	0.00	0.00	0.23	0.01	0.19	0.00
8H-2- 35	64.15	1.47	0.00	0.00	0.47	0.13	0.00	0.00	0.14	0.00	0.02	0.00
8H-3- 35	65.65	0.71	0.00	0.00	0.55	0.00	0.00	0.06	0.03	0.00	0.00	0.00
8H-4- 35	67.15	0.72	0.00	0.00	0.42	0.04	0.00	0.20	0.05	0.00	0.00	0.00
8H-5- 35	68.65	1.03	0.00	0.00	0.83	0.02	0.00	0.11	0.00	0.00	0.04	0.00
8H-6- 35	70.15	0.54	0.00	0.00	0.26	0.02	0.00	0.07	0.02	0.00	0.17	0.00
8H-C- 36	71.66	4.24	0.00	0.00	1.80	0.39	0.00	0.70	0.13	0.00	1.16	0.00
9H-1- 40	72.20	1.25	0.02	0.00	0.48	0.02	0.00	0.04	0.02	0.00	0.59	0.00
9H-2- 40	73.70	0.47	0.01	0.02	0.35	0.01	0.00	0.01	0.02	0.00	0.06	0.00
9H-3- 40	75.20	0.09	0.00	0.00	0.05	0.00	0.00	0.01	0.00	0.00	0.03	0.00
9H-4- 40	76.70	0.76	0.01	0.00	0.65	0.01	0.00	0.00	0.01	0.00	0.07	0.00
9H-5- 40	78.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9H-6- 40	79.70	0.24	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.20	0.00
9H-7- 40	81.20	0.22	0.00	0.00	0.16	0.01	0.00	0.00	0.00	0.00	0.04	0.00
10H-1- 40	81.70	0.87	0.02	0.05	0.42	0.02	0.00	0.00	0.01	0.00	0.34	0.00
10H-2- 40	83.20	0.65	0.02	0.00	0.32	0.01	0.00	0.00	0.01	0.00	0.29	0.00
10H-3- 40	84.70	1.89	0.00	0.00	0.37	0.01	0.00	0.01	0.04	0.00	1.36	0.00
10H-4- 40	86.20	0.56	0.03	0.10	0.22	0.01	0.00	0.00	0.01	0.00	0.00	0.00
10H-5- 40	87.70	0.16	0.00	0.00	0.13	0.00	0.00	0.01	0.00	0.00	0.01	0.00
10H-6- 40	89.20	0.56	0.00	0.00	0.49	0.00	0.00	0.00	0.01	0.00	0.06	0.00
10H-7- 40	90.70	0.68	0.01	0.00	0.42	0.01	0.00	0.00	0.01	0.00	0.15	0.00
11H-1- 40	91.20	0.42	0.00	0.00	0.11	0.01	0.00	0.00	0.00	0.00	0.29	0.00
11H-2- 40	92.70	5.16	0.01	0.00	1.44	0.33	0.00	0.01	0.00	0.00	2.85	0.00
11H-3- 40	94.20	0.24	0.00	0.00	0.16	0.00	0.00	0.00	0.01	0.00	0.07	0.00
11H-4- 40	95.70	0.53	0.00	0.00	0.50	0.01	0.00	0.00	0.01	0.00	0.02	0.00
11H-5- 40	97.20	0.78	0.00	0.00	0.55	0.00	0.00	0.00	0.00	0.00	0.17	0.00
11H-6- 40	98.70	1.10	0.01	0.01	0.21	0.01	0.00	0.00	0.00	0.00	0.10	0.00
11H-7- 16	99.96	3.73	0.01	0.00	0.91	0.03	0.00	0.00	0.19	0.00	2.10	0.00
12H-1- 40	100.70	0.64	0.00	0.00	0.41	0.04	0.00	0.00	0.04	0.00	0.14	0.00
12H-2- 40	102.20	0.77	0.00	0.00	0.65	0.01	0.00	0.00	0.02	0.00	0.09	0.00
12H-3- 40	103.70	5.37	0.00	0.00	2.12	0.53	0.00	0.00	0.11	0.00	2.61	0.00
12H-4- 40	105.20	2.00	0.00	0.00	0.85	0.01	0.00	0.00	0.11	0.00	1.04	0.00
12H-5- 40	106.70	1.59	0.00	0.00	1.35	0.02	0.00	0.00	0.00	0.00	0.21	0.00
12H-6- 40	108.20	0.50	0.00	0.00	0.46	0.01	0.00	0.00	0.02	0.00	0.01	0.00
13H-1- 40	110.20	2.14	0.00	0.00	1.67	0.02	0.00	0.00	0.10	0.00	0.35	0.00
13H-2- 40	111.70	1.04	0.00	0.00	0.63	0.24	0.00	0.00	0.07	0.00	0.10	0.00
13H-3- 40	113.20	0.32	0.00	0.00	0.26	0.01	0.00	0.00	0.01	0.00	0.04	0.00
13H-4- 40	114.70	1.38	0.00	0.00	1.32	0.01	0.00	0.00	0.00	0.00	0.05	0.00
13H-5- 40	116.20	1.59	0.00	0.00	1.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13H-6- 40	117.70	0.82	0.00	0.03	0.65	0.00	0.00	0.00	0.02	0.00	0.11	0.00
13H-7- 40	119.20	1.39	0.00	0.00	0.98	0.01	0.00	0.00	0.00	0.00	0.02	0.01
14H-1- 40	119.70	0.47	0.00	0.00	0.44	0.00	0.00	0.00	0.00	0.00	0.02	0.00
14H-2- 40	121.20	3.39	0.00	0.00	1.74	0.02	0.00	0.00	0.04	0.00	1.56	0.01
14H-3- 40	122.70	0.66	0.00	0.00	0.64	0.00	0.00	0.00	0.00	0.00	0.02	0.00
14H-4- 40	124.20	1.78	0.00	0.00	1.76	0.01	0.00	0.00	0.00	0.00	0.00	0.01
14H-5- 40	125.70	1.02	0.00	0.00	0.97	0.00	0.00	0.01	0.00	0.00	0.01	0.00
14H-6- 40	127.20	1.36	0.00	0.00	1.34	0.00	0.00	0.00	0.00	0.00	0.02	0.00
15H-1- 39	129.19	0.81	0.00	0.00	0.61	0.01	0.00	0.01	0.00	0.00	0.02	0.00

Table 1.3 (continued).

			Coarse fraction component analysis (wt%)									
Sample no.	Depth mbsf	>63 μm (%)	Benthic foram. (%)	Plankt. foram. (%)	Biogenic opal cf (%)	Quartz (%)	Feldspar (%)	Mica (%)	Rock fr. (%)	Hev. min. (%)	Volc. gl. (%)	Auth. (%)
15H-2- 39	130.69	0.54	0.00	0.00	0.50	0.00	0.00	0.01	0.00	0.00	0.00	0.00
15H-3- 39	132.19	0.52	0.00	0.00	0.48	0.00	0.00	0.00	0.00	0.00	0.01	0.00
15H-4- 39	133.69	0.27	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.01	0.03	0.00
15H-5- 39	135.19	3.12	0.00	0.00	1.50	0.00	0.00	0.00	0.00	0.03	1.57	0.00
15H-6- 39	136.69	0.96	0.01	0.00	0.48	0.01	0.00	0.00	0.01	0.00	0.32	0.00
16H-1- 38	138.68	2.50	0.00	0.00	2.03	0.07	0.00	0.03	0.02	0.01	0.32	0.00
16H-2- 38	140.18	5.30	0.00	0.00	4.02	0.04	0.00	0.02	0.05	0.01	1.14	0.00
16H-3- 38	141.68	1.01	0.01	0.00	0.96	0.00	0.00	0.00	0.00	0.00	0.03	0.00
16H-4- 38	143.18	1.31	0.00	0.00	1.26	0.01	0.00	0.00	0.00	0.00	0.00	0.01
16H-5- 38	144.68	1.53	0.00	0.00	1.48	0.00	0.00	0.00	0.00	0.00	0.02	0.00
16H-6- 38	146.18	1.21	0.00	0.00	0.63	0.00	0.00	0.00	0.00	0.00	0.57	0.00
16H-7- 38	147.68	2.81	0.00	0.00	2.65	0.01	0.00	0.00	0.01	0.00	0.03	0.00
27X-5- 40	250.70	0.27	0.00	0.00	0.25	0.01	0.00	0.00	0.00	0.00	0.01	0.00
27X-6- 40	252.20	0.87	0.00	0.00	0.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28X-1- 40	254.50	0.66	0.00	0.00	0.58	0.01	0.00	0.00	0.01	0.00	0.06	0.00
28X-2- 40	256.00	1.62	0.00	0.00	1.22	0.04	0.00	0.00	0.06	0.00	0.30	0.00
28X-3- 40	257.50	0.59	0.00	0.00	0.54	0.01	0.00	0.00	0.02	0.00	0.02	0.00
28X-4- 40	259.00	0.24	0.00	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table 1.3 (continued).

		Grain amount percentages											
Sample no.	Depth (mbsf)	Benthic foram. (%)	Plankt. foram. (%)	Rads. (%)	Diatoms (%)	Sponge spicule (%)	Quartz (%)	Feldspar (%)	Mica (%)	Hev. Min. (%)	Rock fr. (%)	Volc. gl. (%)	Auth. (%)
1H-1- 20	0.20	2.30	36.90	0.00	0.00	0.30	51.70	2.30	0.30	0.00	6.10	0.00	0.00
1H-1- 40	0.40	1.90	28.60	0.00	0.00	0.30	61.30	3.80	0.20	0.70	2.90	0.00	0.30
1H-1- 60	0.60	0.20	7.10	0.00	0.00	0.00	76.00	11.10	0.20	0.20	4.40	0.00	0.20
1H-1- 81	0.80	0.60	57.40	0.00	0.00	0.00	32.90	6.00	0.60	0.80	1.70	0.00	0.00
1H-1-101	1.01	0.80	2.50	0.00	0.00	0.00	87.10	1.10	0.20	0.90	7.00	0.00	0.40
1H-1-121	1.21	0.60	33.90	0.00	0.00	1.00	54.70	1.80	1.80	0.60	4.40	0.00	1.00
1H-1-141	1.41	0.20	45.10	0.00	0.00	1.80	43.50	2.60	1.00	1.60	3.20	0.00	0.80
1H-2- 20	1.70	0.00	0.20	0.00	0.00	0.00	67.30	20.10	0.70	2.40	9.30	0.00	0.00
1H-2- 41	1.90	0.00	0.80	0.00	0.00	0.40	60.40	21.40	0.00	5.00	12.00	0.00	0.00
1H-2- 64	2.14	0.80	90.20	0.00	0.00	1.30	5.50	1.50	0.00	0.00	0.80	0.00	0.00
1H-2- 81	2.31	2.70	78.00	0.00	0.00	1.30	15.00	0.40	0.00	0.40	1.80	0.00	0.40
1H-2-101	2.51	3.60	66.30	0.00	0.00	2.20	22.50	0.30	0.60	0.20	4.30	0.00	0.00
1H-3- 40	2.71	0.00	4.30	0.00	0.00	0.00	64.80	5.50	0.00	0.00	25.30	0.00	0.00
1H-2-121	2.71	0.90	90.00	0.00	0.00	6.00	1.30	0.00	0.40	0.00	1.10	0.20	0.00
1H-3- 62	3.40	0.20	7.00	0.00	0.00	0.00	73.20	7.60	0.40	0.20	11.10	0.00	0.40
1H-3- 82	3.62	0.00	1.10	0.00	0.00	0.00	83.40	1.80	0.70	1.30	10.90	0.00	0.70
1H-3-101	3.82	0.40	48.50	0.00	0.00	0.20	47.90	0.40	0.00	0.20	1.90	0.00	0.40
1H-3-141	4.41	0.20	64.20	0.00	0.20	0.00	29.60	1.80	0.40	0.50	3.10	0.00	0.00
1H-4- 21	4.71	0.00	0.80	0.00	0.00	0.00	79.00	7.00	0.00	0.60	11.80	0.00	0.80
1H-4- 41	4.91	0.30	6.30	0.00	0.00	0.00	74.10	10.70	0.30	0.80	6.50	0.00	1.00
2H-1- 21	5.31	0.50	18.20	0.00	0.00	0.00	55.10	5.30	0.50	2.60	17.80	0.00	0.00
2H-1- 40	5.70	0.40	86.30	0.00	0.00	0.00	9.70	0.70	0.50	0.00	2.50	0.00	0.00
2H-1- 60	5.90	0.40	78.80	0.00	0.00	0.00	16.10	1.10	1.10	0.20	2.20	0.00	0.20
2H-1- 82	6.12	0.00	0.20	0.00	0.00	0.00	59.60	11.60	0.70	1.90	25.90	0.00	0.20
2H-1-100	6.30	0.60	0.00	0.00	0.00	0.00	64.10	10.00	0.40	0.50	23.80	0.00	0.70
2H-1-120	6.50	0.40	70.50	0.00	0.00	1.60	23.20	1.00	0.40	0.20	2.50	0.00	0.00
2H-1-142	6.72	2.40	93.40	0.00	0.00	0.00	3.90	0.00	0.00	0.00	0.40	0.00	0.00
2H-2- 21	7.01	2.10	90.00	0.00	0.00	0.00	7.20	0.00	0.00	0.00	0.80	0.00	0.00
2H-2- 40	7.20	4.20	62.80	0.00	0.00	0.00	25.40	1.30	1.60	0.10	4.40	0.00	0.00
2H-2- 60	7.40	0.90	48.20	0.00	0.00	0.00	43.30	0.70	0.90	0.00	5.50	0.00	0.40
2H-2- 82	7.62	0.40	83.30	0.00	0.00	0.00	14.00	1.20	0.00	0.00	1.20	0.00	0.00
2H-2-100	7.80	0.90	28.50	0.00	0.00	0.00	50.50	10.20	0.70	0.00	8.30	0.00	0.30
2H-2-120	8.00	0.00	0.40	0.00	0.00	0.00	78.60	3.20	0.20	0.80	16.40	0.20	0.20
2H-2-142	8.22	0.00	0.30	0.00	0.00	0.00	64.20	22.20	0.60	0.60	11.90	0.00	0.30
2H-3- 40	8.70	4.30	82.70	0.00	0.00	0.00	7.30	1.20	0.00	0.00	4.00	0.00	0.00
2H-3- 60	8.90	1.20	70.00	0.00	0.00	0.00	21.60	0.00	1.80	0.80	4.50	0.20	0.00
2H-3- 82	9.12	0.70	13.40	0.00	0.00	0.00	54.30	11.60	0.00	0.40	19.30	0.00	0.10
2H-3-100	9.30	0.60	63.20	0.00	0.00	1.60	23.80	6.40	0.20	0.20	4.10	0.00	0.00
2H-3-120	9.50	1.10	90.50	0.00	0.00	0.10	6.20	0.70	0.30	0.00	0.80	0.00	0.00
2H-3-142	9.72	0.50	79.40	0.00	0.00	0.00	13.60	2.20	0.00	0.00	4.30	0.00	0.00
2H-4- 21	10.01	2.10	90.00	0.00	0.00	0.00	5.10	0.70	0.40	0.20	1.10	0.00	0.00
2H-4- 40	10.20	19.00	72.80	0.00	0.00	0.30	1.90	0.00	0.20	0.00	5.30	0.00	0.00
2H-4- 60	10.40	6.20	32.90	0.00	0.00	1.80	30.70	4.40	0.50	0.50	4.90	17.00	0.50
2H-4- 82	10.62	0.00	1.80	0.00	0.00	0.20	82.50	8.00	0.00	0.60	6.80	0.00	0.00
2H-4-106	10.86	0.20	2.20	0.00	0.00	0.20	71.50	13.10	1.60	1.60	8.30	0.00	1.30
2H-4-120	11.00	0.40	3.00	0.00	0.00	0.40	74.10	0.70	0.70	0.70	17.30	1.50	1.30
2H-5- 21	11.51	0.00	0.60	0.00	0.00	0.00	79.00	4.00	0.60	0.40	14.30	0.80	0.20
2H-5- 40	11.70	0.00	2.60	0.00	0.00	0.00	77.90	2.10	0.40	0.60	13.50	1.50	1.40
2H-5- 60	11.90	0.40	15.60	0.00	0.00	0.40	70.70	1.50	0.90	0.00	8.00	2.00	0.60
2H-5- 82	12.12	0.00	82.90	0.00	0.00	0.00	12.10	0.00	0.20	0.20	3.40	0.60	0.40

Table 1.3 (continued).

		Grain amount percentages											
Sample no.	Depth (mbsf)	Benthic foram. (%)	Plankt. foram. (%)	Rads. (%)	Diatoms (%)	Sponge spicule (%)	Quartz (%)	Feldspar (%)	Mica (%)	Hev. Min. (%)	Rock fr. (%)	Volc. gl. (%)	Auth. (%)
2H-5-100	12.30	1.00	91.80	0.00	0.00	0.00	6.00	0.00	0.00	0.00	1.30	0.00	0.00
2H-5-120	12.50	0.20	1.90	0.00	0.00	0.20	83.50	0.40	0.60	0.20	12.70	0.20	0.20
2H-5-142	12.72	2.00	93.10	0.00	0.00	0.00	1.70	0.00	0.20	0.20	2.30	0.00	0.00
2H-6- 21	13.01	2.40	95.10	0.00	0.00	0.00	1.60	0.00	0.00	0.00	0.90	0.00	0.00
2H-6- 40	13.20	0.20	12.10	0.00	0.00	0.00	69.40	4.20	2.00	0.00	9.40	1.60	1.10
2H-6- 60	13.40	1.00	40.60	0.00	0.00	0.20	43.20	2.50	1.20	0.20	9.50	0.20	1.20
2H-6- 82	13.62	0.60	37.10	0.00	0.00	0.00	46.90	1.50	2.10	0.20	9.00	2.30	0.20
2H-6-111	13.91	2.50	74.70	0.00	0.00	0.20	14.20	3.60	0.20	0.40	3.30	0.00	0.90
2H-6-120	14.00	1.90	23.90	0.00	0.00	0.00	55.20	2.50	1.70	0.60	11.30	2.50	0.20
2H-6-142	14.22	0.00	1.40	0.00	0.00	0.00	69.60	7.40	0.20	0.20	18.60	1.70	1.00
2H-7- 21	14.51	0.00	0.60	0.00	0.00	0.00	81.90	6.30	0.00	0.60	10.60	0.00	0.00
2H-7- 40	14.70	0.60	54.20	0.00	0.00	0.20	40.50	1.00	0.20	0.00	3.10	0.00	0.20
3H-1- 25	15.05	1.80	80.10	0.00	0.00	0.20	11.70	2.50	0.50	0.20	3.00	0.00	0.00
3H-1- 42	15.21	0.00	63.30	0.00	0.00	0.00	30.20	1.10	0.20	0.00	4.50	0.00	0.80
3H-2- 20	16.50	0.00	88.70	0.00	0.00	2.20	6.70	0.00	0.00	0.00	2.40	0.00	0.20
3H-2- 42	16.72	1.60	81.50	0.00	0.00	0.40	12.70	0.70	0.00	0.10	2.70	0.00	0.00
3H-2- 60	16.90	0.80	93.10	0.00	0.00	0.20	3.70	0.00	0.60	0.00	1.00	0.00	0.00
3H-2- 82	17.12	0.00	72.30	0.00	0.00	0.00	24.00	0.50	0.20	0.00	2.50	0.00	0.00
3H-2-101	17.31	0.00	44.80	0.00	0.00	0.00	46.10	0.80	1.20	0.00	6.40	0.00	0.60
3H-2-120	17.50	0.00	3.80	0.00	0.00	0.20	84.70	1.10	1.90	0.80	4.60	0.00	2.90
3H-2-142	17.72	0.00	1.00	0.00	0.00	0.00	85.00	2.30	0.00	0.20	9.80	0.00	1.90
3H-3- 20	18.00	0.00	4.80	0.00	0.00	0.40	65.00	5.60	0.00	0.60	20.10	0.00	2.70
3H-3- 25	18.05	0.20	10.30	0.00	0.00	0.00	70.20	2.50	10.40	0.00	6.30	0.00	0.00
3H-3- 40	18.20	0.20	11.60	0.00	0.00	0.20	73.80	3.30	0.40	0.40	9.50	0.00	0.70
3H-3- 58	18.38	0.20	1.90	0.00	0.00	0.00	82.90	1.90	1.90	0.20	9.50	0.40	1.10
3H-3- 82	18.62	0.00	19.70	0.00	0.00	0.20	69.00	2.40	0.00	0.00	6.70	1.30	0.70
3H-3-116	18.96	0.40	8.60	0.00	0.00	0.20	73.00	8.00	0.20	0.60	8.40	0.00	0.60
3H-3-121	19.03	0.00	0.00	0.00	0.00	0.00	84.80	5.20	0.00	0.60	8.80	0.00	0.60
3H-4- 20	19.50	0.00	0.40	0.00	0.00	0.00	71.50	11.70	0.70	0.70	14.70	0.00	0.00
3H-4- 42	19.72	0.40	7.80	0.00	0.00	0.80	75.70	1.60	1.80	0.40	10.40	0.00	1.00
3H-4- 58	19.88	0.20	7.70	0.00	0.00	0.20	66.40	6.90	0.60	0.50	16.60	0.00	1.00
3H-4- 82	20.12	1.50	22.20	0.00	0.00	0.50	61.90	5.20	1.20	0.30	6.70	0.00	0.50
3H-4-100	20.30	0.20	12.70	0.00	0.00	0.00	67.50	8.00	0.80	1.20	9.50	0.00	0.20
3H-4-122	20.52	0.00	97.40	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.60	0.00	0.00
3H-4-142	20.72	0.20	34.70	0.00	0.00	0.20	57.50	1.90	1.90	0.20	3.20	0.00	0.20
3H-5- 20	21.00	0.40	6.20	0.00	0.00	0.00	81.00	5.10	0.40	0.00	6.60	0.00	0.40
3H-5- 40	21.20	2.30	18.70	0.00	0.00	0.00	66.60	1.50	3.90	0.20	6.50	0.00	0.20
3H-5- 58	21.38	1.90	70.30	0.00	0.00	0.00	22.50	0.90	0.60	0.20	2.60	0.40	0.00
3H-5- 82	21.62	0.20	7.90	0.00	0.00	0.00	73.40	3.30	1.30	0.20	12.20	0.40	1.00
3H-5-100	21.80	0.40	20.20	0.00	0.00	0.00	66.40	0.80	2.70	0.00	7.40	1.10	1.10
3H-5-120	22.00	0.80	9.80	0.00	0.00	0.00	72.20	2.50	0.60	0.60	12.30	0.00	1.30
3H-5-140	22.20	0.00	65.50	0.00	0.00	0.00	29.50	0.60	0.00	0.00	4.40	0.00	0.00
3H-6- 20	22.50	0.00	52.50	0.00	0.00	0.00	40.10	2.10	2.10	0.20	2.90	0.00	0.00
3H-6- 40	22.70	4.20	76.70	0.00	0.00	0.00	14.80	2.60	0.20	0.00	1.50	0.00	0.00
3H-6- 58	22.88	3.70	63.50	0.00	0.00	0.00	29.30	1.00	0.90	0.10	1.50	0.00	0.10
3H-6- 82	23.12	0.00	3.30	0.00	0.00	0.00	64.20	4.90	1.40	0.90	24.60	0.00	0.60
3H-6-100	23.30	0.60	20.30	0.00	0.00	0.00	60.10	6.30	1.20	0.40	10.00	0.00	1.20
3H-6-120	23.50	0.90	43.30	0.00	0.00	0.00	43.60	5.40	3.00	0.40	2.40	0.00	0.80
3H-6-140	23.70	0.40	56.30	0.00	0.00	0.00	30.10	5.20	2.20	0.00	5.20	0.00	0.60
3H-7- 20	24.00	0.90	68.30	0.00	0.00	0.00	23.50	4.60	0.90	0.00	1.10	0.00	0.20

Table 1.3 (continued).

		Grain amount percentages											
Sample no.	Depth (mbsf)	Benthic foram. (%)	Plankt. foram. (%)	Rads. (%)	Diatoms (%)	Sponge spicule (%)	Quartz (%)	Feldspar (%)	Mica (%)	Hev. Min. (%)	Rock fr. (%)	Volc. gl. (%)	Auth. (%)
3H-7- 40	24.20	0.20	50.30	0.00	0.00	0.00	40.20	5.10	1.40	0.20	2.40	0.00	0.20
3H-7- 56	24.30	0.40	42.10	0.00	0.00	0.00	51.60	2.10	0.60	0.20	2.30	0.00	0.40
4H-1- 20	24.50	0.20	16.30	0.00	0.00	0.00	69.60	5.10	4.00	0.40	2.50	0.00	1.50
4H-1- 40	24.70	0.20	42.90	0.00	0.00	0.20	45.60	3.40	1.10	0.00	6.40	0.00	0.20
4H-1- 60	24.90	0.00	3.70	0.00	0.00	0.20	79.10	3.60	5.90	1.10	4.80	0.00	1.10
4H-1- 80	25.10	0.50	21.70	0.00	0.00	0.00	71.20	2.20	0.50	0.00	3.10	0.00	0.70
4H-1- 94	25.24	0.00	9.20	0.00	0.00	0.00	79.50	4.50	3.30	0.40	2.40	0.00	0.60
4H-1-100	25.30	0.00	10.90	0.00	0.00	0.20	75.70	4.60	4.60	0.40	1.20	0.00	0.70
4H-1-120	25.50	0.00	66.80	0.00	0.00	0.00	25.70	3.30	1.60	0.00	2.50	0.00	0.20
4H-1-140	25.70	0.00	2.60	0.00	0.00	0.00	71.90	0.90	20.70	0.00	3.10	0.00	0.70
4H-2- 20	26.00	1.00	2.10	0.00	0.00	0.00	78.10	6.40	8.50	0.20	3.10	0.00	0.60
4H-2- 40	26.20	0.50	2.70	0.00	0.00	0.00	72.10	1.30	5.20	0.00	16.40	0.00	1.80
4H-2- 60	26.40	0.20	7.70	0.00	0.00	0.00	83.50	2.40	2.40	0.80	2.00	0.00	1.00
4H-2- 80	26.60	0.00	0.60	0.00	0.00	0.00	82.10	3.00	4.80	0.00	8.70	0.00	0.60
4H-2-100	26.80	0.80	66.00	0.00	0.00	0.00	25.20	1.00	2.60	0.00	4.00	0.00	0.20
4H-2-120	27.00	0.00	37.70	0.00	0.00	0.00	50.10	1.60	2.00	0.00	8.20	0.00	0.00
4H-3- 20	27.30	0.00	0.40	0.00	0.00	0.00	77.50	3.30	1.20	0.40	17.10	0.00	0.20
4H-2-140	27.30	0.20	3.20	0.00	0.00	0.00	83.50	2.60	4.20	0.20	5.60	0.00	0.40
4H-3- 40	27.60	0.40	0.00	0.00	0.00	0.00	82.80	2.90	5.70	0.80	6.60	0.00	0.80
4H-3- 60	27.80	0.00	25.50	0.00	0.00	0.00	50.60	18.00	0.40	1.20	4.30	0.00	0.00
4H-3- 80	28.00	0.00	0.00	0.00	0.00	0.00	65.70	19.90	0.00	4.50	8.50	0.00	1.40
4H-3- 94	28.14	0.00	11.50	0.00	0.00	0.20	60.10	14.60	0.00	3.90	8.90	0.00	0.40
4H-3-100	28.20	0.00	7.00	0.00	0.00	0.40	79.20	3.00	3.20	0.00	7.00	0.00	0.20
4H-3-120	28.40	0.00	0.00	0.00	0.00	0.00	66.20	16.40	0.20	3.50	12.50	0.00	1.20
4H-3-140	28.60	0.60	79.70	0.00	0.00	0.00	12.50	3.50	0.00	0.00	3.30	0.00	0.00
4H-4- 20	29.00	0.00	0.40	0.00	0.00	0.00	87.40	2.00	2.20	1.10	6.40	0.00	0.40
4H-4- 40	29.20	0.00	0.20	0.00	0.00	0.00	90.00	1.40	0.00	1.20	5.80	0.00	1.20
4H-4- 60	29.40	0.00	2.90	0.00	0.00	0.00	78.80	0.80	1.40	0.20	15.10	0.00	0.80
4H-4- 80	29.60	0.00	70.70	0.00	0.00	0.00	24.50	0.20	2.40	0.00	2.00	0.00	0.00
4H-4-100	29.80	0.00	0.20	0.00	0.00	0.00	91.90	0.70	3.00	1.60	1.90	0.00	0.70
4H-4-120	30.00	0.00	0.40	0.00	0.00	0.20	82.80	2.10	3.30	0.20	10.90	0.00	0.00
4H-5- 18	30.48	0.20	0.40	0.00	0.00	0.00	90.80	0.00	2.90	0.00	5.40	0.00	0.40
4H-5-120	30.50	2.70	94.10	0.00	0.00	0.00	1.10	0.00	0.40	0.00	0.60	0.00	0.00
4H-5- 40	30.70	0.20	4.40	0.00	0.00	0.00	78.10	2.50	1.20	0.40	12.90	0.00	0.40
4H-5- 60	30.90	0.20	2.30	0.00	0.00	0.00	82.50	1.50	3.80	1.00	8.00	0.00	0.60
4H-5- 80	31.10	0.00	0.20	0.00	0.00	0.00	87.60	2.80	4.00	0.60	4.80	0.00	0.00
4H-5- 94	31.24	0.20	1.00	0.00	0.00	0.00	79.20	1.30	2.10	0.00	11.60	0.00	1.30
4H-5-100	31.30	0.00	15.00	0.00	0.00	0.00	71.00	1.00	0.20	0.40	11.70	0.00	0.40
4H-5-140	31.70	0.00	2.70	0.00	0.00	0.20	81.40	1.00	8.50	0.00	6.20	0.00	0.00
4H-6- 16	31.96	0.00	1.40	0.00	0.00	0.00	83.80	3.40	2.20	0.00	8.10	0.00	1.20
4H-6- 40	32.20	0.20	9.80	0.00	0.00	0.40	72.60	2.90	3.50	0.40	9.50	0.00	0.70
4H-6- 60	32.40	0.00	2.40	0.00	0.00	0.40	75.80	3.10	0.90	0.00	15.30	0.00	2.00
4H-6- 80	32.60	0.00	9.20	0.00	0.00	0.20	79.40	0.80	2.00	0.20	7.40	0.00	0.80
4H-6-100	32.80	0.00	0.00	0.00	0.00	0.60	82.70	0.60	2.80	0.20	12.40	0.00	0.40
4H-6-120	33.00	0.00	0.20	0.00	0.00	0.00	82.50	0.80	2.90	0.00	13.20	0.00	0.40
4H-6-140	33.20	0.00	33.30	0.00	0.00	0.40	48.40	0.80	2.50	0.00	12.00	0.00	0.20
4H-7- 20	33.50	0.00	0.20	0.00	0.00	0.20	80.40	1.00	6.70	0.80	9.70	0.00	0.80
4H-7- 40	33.70	0.00	0.60	0.00	0.00	0.20	77.40	1.20	1.90	0.40	18.40	0.00	0.00
5H-1- 17	33.97	0.00	0.20	0.00	0.00	0.20	79.90	1.10	0.50	0.40	17.10	0.00	0.70
5H-1- 42	34.22	0.00	0.00	0.00	0.00	1.00	76.40	3.50	1.90	0.60	15.60	0.00	1.00

Table 1.3 (continued).

Sample no.	Depth (mbsf)	Grain amount percentages											
		Benthic foram. (%)	Plankt. foram. (%)	Rads. (%)	Diatoms (%)	Sponge spicule (%)	Quartz (%)	Feldspar (%)	Mica (%)	Hev. Min. (%)	Rock fr. (%)	Volc. gl. (%)	Auth. (%)
5H-1- 62	34.42	0.00	0.40	0.00	0.00	0.00	78.60	0.50	1.30	0.00	19.00	0.00	0.20
5H-1- 82	34.62	0.00	0.00	0.00	0.20	0.80	78.80	0.80	9.10	0.20	9.50	0.00	0.60
5H-1-102	34.82	0.00	0.00	0.00	0.00	0.00	84.40	3.00	4.70	0.20	7.50	0.00	0.20
5H-1-123	35.03	0.00	0.00	0.00	0.00	0.00	84.10	1.10	3.60	0.20	10.60	0.00	0.40
5H-1-142	35.22	0.20	0.00	0.00	0.00	0.20	82.60	2.30	0.90	1.70	11.00	0.00	1.10
5H-2- 17	35.47	0.00	0.00	0.00	0.00	0.00	84.70	1.40	1.20	0.00	12.20	0.00	0.60
5H-2- 42	35.72	0.00	0.00	0.00	0.00	0.20	86.90	1.50	4.40	0.00	6.70	0.00	0.20
5H-2- 62	35.92	0.00	0.00	0.00	0.00	0.00	86.20	1.90	1.10	3.20	6.10	0.00	1.50
5H-2- 82	36.12	0.00	0.00	0.00	0.00	0.00	74.50	2.10	0.70	11.10	10.40	0.00	1.40
5H-2-102	36.32	0.00	0.00	0.00	0.00	0.00	84.90	1.80	3.50	0.40	8.40	0.00	0.90
5H-2-123	36.43	0.00	0.00	0.00	0.00	0.00	76.90	4.70	1.30	1.30	15.00	0.00	0.60
5H-2-142	36.61	0.00	0.00	0.00	0.00	0.20	84.80	2.10	2.50	4.10	5.00	0.00	1.20
5H-3- 17	36.97	0.00	0.20	0.00	0.00	0.20	80.00	6.00	9.30	0.40	3.00	0.00	1.00
5H-3- 42	37.22	0.00	0.00	0.00	0.00	0.00	78.60	4.90	6.40	0.40	8.80	0.00	0.80
5H-3- 62	37.42	0.00	0.00	0.00	0.00	0.20	83.40	5.70	2.30	0.40	7.80	0.00	0.20
5H-3- 82	37.62	0.00	0.00	0.00	0.00	0.00	79.80	6.50	4.10	0.20	8.40	0.00	1.00
5H-3-102	37.82	0.00	0.00	0.00	0.00	0.00	78.90	6.10	1.80	0.00	10.70	0.00	2.60
5H-3-142	38.22	0.00	0.00	0.00	0.00	0.00	83.70	3.50	5.10	0.00	6.60	0.00	1.20
5H-4- 17	38.47	5.40	0.20	0.00	0.00	0.00	85.60	2.00	1.50	2.20	2.20	0.00	0.90
5H-4- 42	38.72	0.50	0.00	0.00	0.00	0.00	90.60	2.20	1.20	2.50	2.20	0.00	0.70
5H-4- 62	38.92	0.00	0.00	0.00	0.00	0.00	88.80	5.30	3.00	1.10	1.10	0.00	0.70
5H-4- 82	39.12	0.00	0.00	0.00	0.00	0.00	91.60	1.40	3.30	0.70	2.10	0.00	0.70
5H-4-102	39.32	1.00	0.00	0.00	0.00	0.00	88.60	0.70	2.90	2.40	3.20	0.00	1.20
5H-4-123	39.43	0.20	0.00	0.00	0.00	0.00	85.70	1.00	1.90	3.80	5.30	0.00	2.10
5H-4-143	39.62	0.00	0.00	0.00	0.00	0.00	85.90	1.70	2.60	3.80	5.10	0.00	0.90
5H-5- 17	39.97	0.00	0.20	0.00	0.00	0.00	86.50	2.10	4.90	2.10	3.20	0.00	0.90
5H-5- 42	40.22	0.00	0.00	0.00	0.00	0.00	0.00	trace	0.00	trace	trace	99.90	0.00
5H-5- 62	40.42	0.00	0.00	0.00	0.00	0.00	85.30	0.80	0.40	0.40	12.60	0.00	0.60
5H-5- 82	40.62	0.00	0.00	0.00	0.00	0.00	85.60	1.00	4.20	0.40	8.90	0.00	0.00
5H-5-102	40.82	0.00	0.00	0.00	0.00	0.00	82.20	1.50	4.20	0.20	12.00	0.00	0.00
5H-5-123	41.03	0.00	0.00	0.00	0.00	0.00	78.70	2.60	3.30	0.00	13.40	1.80	0.20
5H-6- 17	41.47	0.20	0.00	0.00	0.00	0.00	79.60	4.30	3.10	0.00	9.50	3.10	0.20
5H-6- 42	41.72	0.00	0.00	0.00	0.00	0.00	79.30	3.50	1.00	0.00	15.50	0.40	0.40
5H-6- 62	41.92	0.00	0.00	0.00	0.00	1.80	78.00	2.40	2.60	0.40	11.60	2.80	0.40
5H-6- 82	42.12	0.00	0.00	0.00	0.00	0.80	78.80	1.00	1.90	0.00	16.80	0.40	0.40
5H-6-102	42.32	0.00	0.00	0.00	0.00	0.00	86.50	1.40	1.20	0.80	8.80	0.20	1.20
5H-6-122	42.42	0.00	0.00	0.00	0.00	0.80	82.00	2.50	0.80	0.20	6.60	0.00	7.20
5H-6-142	42.62	0.00	0.00	0.00	0.00	0.00	82.30	1.40	1.60	0.80	9.80	0.00	4.10
6H-1- 20	43.50	0.00	6.50	0.00	0.20	1.30	73.60	1.10	3.00	0.70	8.40	0.00	5.20
6H-1- 42	43.70	0.00	0.00	0.00	0.00	0.20	76.00	1.00	1.70	1.00	4.50	0.00	15.50
6H-1- 61	43.91	0.00	0.00	0.00	0.00	0.00	82.60	1.50	2.30	0.60	9.50	0.00	3.50
6H-1- 83	44.13	0.00	2.60	0.00	0.00	0.00	87.30	1.90	1.30	0.60	5.60	0.00	0.70
6H-1-102	44.32	0.00	0.20	0.00	0.00	0.00	85.90	1.40	2.10	1.20	8.90	0.00	0.40
6H-1-120	44.50	0.20	0.40	0.00	0.00	0.40	65.70	3.40	2.60	2.40	11.40	13.10	0.40
6H-1-142	44.72	0.00	0.00	0.00	0.00	1.20	78.80	1.50	6.60	4.10	6.30	0.00	1.00
6H-2- 20	45.00	0.00	0.00	0.00	0.00	0.60	78.40	2.00	6.90	0.40	11.40	0.00	0.40
6H-2-42?	45.22	0.00	7.20	0.00	0.00	0.00	75.10	1.50	2.90	0.20	12.40	0.00	0.80
6H-2- 61	45.44	0.00	0.00	0.00	0.00	0.00	92.20	1.00	1.20	0.80	3.70	0.00	1.20
6H-2- 83	45.63	0.00	0.40	0.00	0.00	0.00	80.50	0.40	8.60	0.80	9.30	0.00	0.00
6H-2-102	45.82	0.00	0.00	0.00	0.00	0.20	84.60	3.00	3.10	0.70	7.10	0.00	1.30

Table 1.3 (continued).

Sample no.	Depth (mbsf)	Grain amount percentages											
		Benthic foram. (%)	Plankt. foram. (%)	Rads. (%)	Diatoms (%)	Sponge spicule (%)	Quartz (%)	Feldspar (%)	Mica (%)	Hev. Min. (%)	Rock fr. (%)	Volc. gl. (%)	Auth. (%)
6H-2-120	46.00	0.00	0.20	0.00	0.00	0.00	85.20	2.40	6.00	0.00	5.30	0.00	0.90
6H-2-142	46.20	0.00	0.20	0.00	0.00	0.20	89.60	1.00	3.60	0.40	4.60	0.00	0.40
6H-3- 20	46.50	0.00	0.00	0.00	0.00	0.00	76.90	1.10	13.40	0.20	8.10	0.00	0.40
6H-3- 42	46.72	0.00	0.00	0.00	0.00	0.20	84.60	0.40	2.60	0.60	11.40	0.00	0.20
6H-3- 61	46.90	0.00	0.00	0.00	0.00	0.00	58.10	1.50	34.00	0.00	6.10	0.00	0.20
6H-3- 83	47.13	0.00	0.00	0.00	0.00	0.00	58.10	1.50	34.00	0.00	6.10	0.00	0.20
6H-3-102	47.32	0.00	0.00	0.00	0.00	0.00	82.30	2.30	2.80	0.00	12.40	0.00	0.20
6H-3-120	47.50	0.20	0.60	0.00	0.00	0.20	79.50	2.70	5.80	0.00	10.10	0.00	1.00
6H-3-142	47.72	0.00	0.00	0.00	0.00	0.00	77.00	1.30	9.70	0.40	11.60		
6H-4- 20	48.00	0.00	0.00	0.00	0.00	0.00	81.80	1.40	3.30	0.40	12.90	0.00	0.20
6H-4- 42	48.22	0.00	0.00	0.00	0.00	0.00	82.00	0.20	2.00	0.20	13.90	0.00	1.80
6H-4- 61	48.40	0.00	0.00	0.00	0.00	0.00	84.60	1.20	2.50	0.00	11.10	0.00	0.60
6H-4- 83	48.63	0.00	0.00	0.00	0.00	0.00	79.80	2.70	0.80	1.00	14.80	0.00	1.00
6H-4-102	48.82	0.00	0.20	0.00	0.00	0.00	66.70	1.30	12.10	0.00	19.30	0.00	0.40
6H-4-120	49.01	0.00	0.00	0.00	0.00	0.00	84.20	2.60	4.00	0.20	8.20	0.00	0.80
6H-5- 20	49.50	0.00	0.00	0.00	0.00	0.20	82.40	1.80	5.90	0.80	8.90	0.00	0.00
6H-5- 42	49.72	0.00	0.00	0.00	0.00	0.00	74.30	2.20	2.80	0.20	19.00	0.00	1.60
6H-5- 61	49.90	0.00	0.00	0.00	0.00	0.00	63.90	2.50	16.70	1.00	15.00	0.00	1.00
6H-5- 83	50.13	0.00	0.00	0.00	0.00	0.00	86.70	1.60	4.70	0.00	6.70	0.00	0.40
6H-5-102	50.32	0.00	0.00	0.00	0.00	0.00	81.00	0.40	2.40	0.40	15.60	0.00	0.20
6H-5-120	50.50	0.00	0.00	0.00	0.00	0.00	75.70	3.10	8.20	0.00	10.90	0.00	2.10
6H-5-142	50.72	0.00	0.00	0.00	0.00	0.00	73.00	6.30	1.20	0.80	18.50	0.00	0.30
6H-6- 20	51.00	0.00	0.00	0.00	0.00	5.10	62.50	7.00	2.50	2.30	20.30		
6H-6- 42	51.22	0.00	0.00	0.00	0.00	6.80	66.30	4.70	4.20	0.20	17.50	0.20	0.20
6H-6- 46	51.26	0.00	0.20	0.00	0.00	0.00	71.80	2.50	4.80	0.80	19.90	0.00	0.20
6H-6- 60	51.40	0.00	0.00	0.00	0.00	0.80	69.90	4.60	6.70	0.20	17.00	0.00	0.20
7H-1- 21	53.01	0.40	0.00	0.20	0.00	6.30	65.80	3.70	3.50	0.40	16.80	0.00	3.00
7H-1- 41	53.21	0.00	0.00	0.00	0.00	1.00	76.20	6.30	3.60	0.20	12.50	0.00	0.20
7H-1- 62	53.42	0.00	0.00	0.00	0.00	0.20	71.60	6.10	5.50	0.40	12.90	2.20	1.20
7H-1- 83	53.62	0.00	0.30	0.00	0.00	2.30	32.90	4.00	2.30	0.00	2.30	54.70	1.00
7H-1-105	53.84	41.10	6.90	0.00	0.00	1.00	34.50	1.60	2.00	0.70	3.60	8.60	0.00
7H-1-122	54.06	22.40	20.50	0.00	0.00	34.10	11.80	0.00	4.90	1.10	1.10	4.20	0.00
7H-1-142	54.22	52.10	14.80	0.90	0.00	17.00	5.80	0.00	2.90	1.90	2.10	1.70	0.20
7H-2- 21	54.31	2.40	1.00	0.00	0.00	57.90	28.20	0.00	6.70	1.00	2.90	0.00	0.00
7H-2- 41	54.72	0.00	0.60	0.00	0.00	11.60	66.90	2.80	1.70	0.00	13.30	0.60	2.80
7H-2- 64	54.90	59.70	8.90	0.60	0.00	2.20	22.10	0.60	0.20	0.00	3.70	0.60	1.10
7H-2- 83	55.13	12.80	22.50	0.00	16.90	14.40	5.00	0.00	2.80	0.00	23.80	1.70	0.30
7H-2-105	55.35	11.40	13.40	0.00	3.30	18.70	2.50	0.00	7.50	0.00	0.00	6.40	25.90
7H-2-120	55.53	2.40	1.80	0.00	10.80	24.60	1.80	0.00	3.70	0.00	0.20	8.40	0.40
7H-2-142	55.72	14.20	3.00	0.00	1.10	13.70	4.80	0.00	4.60	0.00	0.30	4.80	13.40
7H-3- 21	56.01	3.90	0.30	0.30	19.10	42.90	0.30	0.30	1.80	0.00	0.00	12.90	13.10
7H-3- 41	56.21	13.90	2.20	1.60	16.10	36.30	1.30	0.00	1.30	0.00	0.00	8.70	12.50
7H-3- 62	56.42	21.10	22.80	5.00	5.00	4.70	0.80	0.00	1.80	3.90	0.30	12.90	4.50
7H-3- 82	56.62	38.30	10.40	0.70	1.40	22.50	0.20	0.00	0.70	0.00	0.20	17.70	2.10
7H-3-122	57.02	24.20	5.10	0.00	0.60	25.10	2.20	0.00	4.40	0.00	0.00	0.00	28.20
7H-3-142	57.22	29.50	23.30	0.90	1.40	4.40	0.70	0.00	0.40	0.00	16.70	0.50	22.30
7H-4- 21	57.51	15.40	14.70	0.00	9.20	42.60	1.20	0.00	0.50	0.00	4.60	1.20	10.50
7H-4- 41	57.72	37.00	14.70	1.40	3.00	21.90	1.50	0.00	0.00	0.20	0.00	7.00	0.60
7H-4- 62	57.80	6.80	2.30	0.20	5.20	75.30	0.20	0.00	0.00	0.00	1.30	2.70	6.00
7H-4- 83	58.13	5.10	2.00	0.20	14.40	61.90	0.00	0.00	0.20	0.00	2.70	11.20	2.30

Table 1.3 (continued).

Sample no.	Depth (mbsf)	Grain amount percentages											
		Benthic foram. (%)	Plankt. foram. (%)	Rads. (%)	Diatoms (%)	Sponge spicule (%)	Quartz (%)	Feldspar (%)	Mica (%)	Hev. Min. (%)	Rock fr. (%)	Volc. gl. (%)	Auth. (%)
7H-4-105	58.34	10.90	2.70	6.00	1.90	65.30	0.00	0.00	0.00	0.00	3.80	7.70	1.90
7H-4-122	58.53	11.00	6.80	3.60	0.20	72.30	0.20	0.00	0.00	0.00	0.40	6.30	0.20
7H-4-142	58.72	23.00	33.30	6.20	0.00	28.70	1.00	0.00	0.00	0.00	0.50	7.40	0.20
7H-5- 21	59.01	28.40	20.40	2.10	0.00	11.70	7.20	0.00	0.20	0.00	2.50	26.50	1.10
7H-5- 41	59.21	11.40	8.80	2.40	0.00	53.60	2.00	0.00	0.40	0.00	3.50	18.00	0.00
7H-5- 62	59.42	1.00	1.00	10.20	0.40	64.70	0.30	0.00	2.40	0.00	0.30	16.00	3.70
7H-5- 83	59.62	0.20	1.20	0.00	14.90	1.90	0.00	0.50	0.90	0.50	0.00	25.30	54.40
7H-5-105	59.84	0.80	0.80	1.50	0.00	47.60	8.00	0.00	4.00	1.10	0.00	22.90	13.50
7H-5-122	60.02	0.00	0.40	2.50	0.40	47.80	9.30	0.00	1.00	0.00	33.10	5.00	0.40
7H-6- 12	60.42	0.00	0.00	1.40	0.00	57.00	3.60	0.00	0.40	0.00	10.80	26.60	0.20
8H-1- 35	62.65	0.00	1.20	1.80	0.00	42.50	18.30	0.20	0.20	0.40	13.00	18.60	0.00
8H-2- 35	64.15	0.00	0.00	2.00	0.00	30.00	8.60	0.00	5.70	0.00	9.60	1.20	0.00
8H-3- 35	65.65	0.00	0.30	5.50	0.00	71.30	10.70	0.00	8.30	0.00	3.90	0.00	0.00
8H-4- 35	67.15	0.20	0.00	5.20	0.60	52.80	6.20	0.00	27.70	0.00	7.40	0.00	0.00
8H-5- 35	68.65	0.00	0.00	51.70	4.50	24.60	1.70	0.00	10.40	0.00	0.40	3.70	0.00
8H-6- 35	70.15	0.00	0.00	18.80	0.00	28.70	3.80	0.00	13.80	0.00	3.40	31.50	0.00
9H-7- 40	71.20	1.00	0.20	55.10	0.00	18.80	3.40	0.00	0.00	0.00	1.20	20.00	0.00
8H-C- 36	71.66	0.00	0.00	6.10	0.00	36.40	9.10	0.00	16.50	0.00	3.00	27.30	0.00
9H-1- 40	72.20	1.80	6.60	3.30	0.00	35.10	1.20	0.00	2.90	0.00	1.70	47.00	0.00
9H-2- 40	73.70	2.70	4.00	35.10	0.00	38.70	2.10	0.00	1.70	0.00	3.80	11.80	0.00
9H-3- 40	75.20	0.00	0.00	13.40	0.00	39.60	4.90	0.00	8.60	0.00	3.00	30.50	0.00
9H-4- 40	76.70	1.00	0.00	78.90	0.00	6.80	1.70	0.00	0.60	0.00	1.70	9.40	0.00
9H-6- 40	79.70	1.10	0.70	0.90	0.00	11.60	1.60	0.00	0.50	0.00	1.80	81.70	0.00
10H-1- 40	81.70	1.90	6.20	13.80	0.50	34.20	2.50	0.00	0.00	0.00	1.50	38.80	0.00
10H-2- 40	83.20	2.80	0.40	27.80	1.30	20.40	0.90	0.00	0.20	0.00	1.30	44.90	0.00
10H-3- 40	84.70	0.00	0.00	7.50	2.60	9.30	0.50	0.00	0.60	0.00	2.20	71.90	0.00
10H-4- 40	86.20	5.90	17.70	24.20	0.00	14.20	2.60	0.00	13.60	0.00	1.50	14.10	0.00
10H-5- 40	87.70	0.00	0.20	73.80	0.00	6.90	1.80	0.00	3.90	0.00	1.70	4.50	0.00
10H-6- 40	89.20	0.20	0.00	66.80	0.60	19.40	0.40	0.00	0.00	0.00	1.90	10.70	0.00
10H-7- 40	90.70	1.70	0.00	43.20	0.00	18.50	1.90	0.00	0.00	0.00	1.20	21.80	0.20
11H-1- 40	91.20	0.00	0.00	4.90	0.00	21.90	1.60	0.00	0.60	0.00	0.40	70.20	0.00
11H-2- 40	92.70	0.20	0.00	9.10	5.90	12.90	6.30	0.00	0.20	0.00	1.50	55.30	0.00
11H-3- 40	94.20	0.00	0.00	37.00	0.00	28.30	1.00	0.00	0.20	0.00	3.20	29.50	0.00
11H-4- 40	95.70	0.00	0.00	85.30	0.00	8.50	1.10	0.00	0.20	0.00	1.10	3.20	0.00
11H-5- 40	97.20	0.00	0.00	32.60	2.00	35.30	0.40	0.00	0.00	0.00	0.40	21.40	0.00
11H-6- 40	98.70	0.60	0.60	2.60	2.20	14.20	0.60	0.00	0.00	0.00	0.20	9.10	0.00
11H-7- 16	99.96	0.20	0.00	4.60	2.00	17.70	0.70	0.00	0.00	0.00	5.10	56.30	0.00
12H-1- 40	100.70	0.00	0.00	24.60	0.30	39.80	6.10	0.00	0.00	0.00	6.80	22.50	0.00
12H-2- 40	102.20	0.00	0.00	43.90	1.30	39.50	0.80	0.00	0.00	0.00	2.70	11.70	0.00
12H-3- 40	103.70	0.00	0.00	10.40	6.20	22.90	9.80	0.00	0.00	0.00	2.00	48.60	0.00
12H-4- 40	105.20	0.00	0.00	9.30	9.90	23.20	0.40	0.00	0.00	0.00	5.30	52.00	0.00
12H-5- 40	106.70	0.20	0.00	27.80	34.40	22.80	1.50	0.00	0.00	0.00	0.00	13.30	0.00
12H-6- 40	108.20	0.80	0.00	71.10	10.70	9.30	2.00	0.00	0.00	0.00	3.20	2.80	0.20
13H-1- 40	110.20	0.00	0.00	29.90	25.90	22.20	1.10	0.00	0.00	0.00	4.60	16.30	0.00
13H-2- 40	111.70	0.00	0.00	30.50	13.50	16.20	23.30	0.00	0.00	0.20	6.60	9.70	0.00
13H-3- 40	113.20	0.00	0.00	78.50	2.20	1.90	2.70	0.00	0.00	0.20	3.10	11.40	0.00
13H-4- 40	114.70	0.00	0.00	32.50	31.20	32.30	0.40	0.00	0.00	0.00	0.20	3.30	0.00
13H-5-40	116.20	0.00	0.00	27.80	35.50	36.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13H-6- 40	117.70	0.00	3.10	53.50	4.30	21.70	0.30	0.00	0.00	0.00	3.00	13.90	0.00
13H-7- 40	119.20	0.20	0.00	35.90	24.90	9.50	0.50	0.00	0.00	0.00	0.00	1.10	0.50

Table 1.3 (continued).

Sample no.	Depth (mbsf)	Grain amount percentages											
		Benthic foram. (%)	Plankt. foram. (%)	Rads. (%)	Diatoms (%)	Sponge spicule (%)	Quartz (%)	Feldspar (%)	Mica (%)	Hev. Min. (%)	Rock fr. (%)	Volc. gl. (%)	Auth. (%)
14H-1- 40	119.70	0.00	0.00	73.90	2.20	17.40	0.40	0.00	0.00	0.00	0.90	5.20	0.00
14H-2- 40	121.20	0.00	0.00	32.00	13.70	5.60	0.50	0.00	0.00	0.00	1.10	46.00	0.20
14H-3- 40	122.70	0.00	0.00	69.10	6.80	21.20	0.60	0.00	0.00	0.00	0.00	2.30	0.00
14H-4- 40	124.20	0.00	0.00	57.90	27.20	13.60	0.30	0.00	0.00	0.00	0.10	0.00	0.40
14H-5- 40	125.70	0.00	0.00	88.40	2.00	4.90	0.30	0.00	1.00	0.00	0.20	1.20	0.00
14H-6- 40	127.20	0.00	0.00	76.90	9.40	12.00	0.20	0.00	0.00	0.00	0.00	1.30	0.00
15H-1- 39	129.19	0.00	0.00	53.70	9.80	11.30	1.80	0.00	0.80	0.00	0.60	1.90	0.00
15H-2- 39	130.69	0.00	0.00	23.40	26.50	42.10	0.00	0.00	2.10	0.00	0.00	0.70	0.00
15H-3- 39	132.19	0.20	0.00	84.50	3.20	3.80	0.30	0.50	0.00	0.20	0.50	2.40	0.00
15H-4- 39	133.69	0.00	0.60	66.60	0.80	15.90	0.80	0.00	0.00	2.00	0.00	11.20	0.00
15H-5- 39	135.19	0.00	0.00	36.50	0.00	11.60	0.00	0.00	0.00	0.90	0.10	50.20	0.00
15H-6- 39	136.69	0.70	0.20	30.10	2.50	17.30	0.90	0.00	0.00	0.00	0.70	33.70	0.00
16H-1- 38	138.68	0.20	0.10	48.50	19.60	13.10	2.60	0.20	1.20	0.30	0.70	12.80	0.00
16H-2- 38	140.18	0.00	0.00	51.40	17.40	7.10	0.70	0.00	0.30	0.20	1.00	21.60	0.00
16H-3- 38	141.68	0.70	0.40	64.50	18.20	12.20	0.00	0.40	0.00	0.40	0.00	2.80	0.00
16H-4- 38	143.18	0.00	0.00	39.90	45.70	10.50	0.60	0.00	0.00	0.00	0.00	0.00	0.50
16H-5-38	144.68	0.00	0.00	31.50	59.40	5.80	0.00	0.00	0.00	0.00	0.20	1.10	0.00
16H-6- 38	146.18	0.00	0.00	9.80	35.60	6.70	0.40	0.00	0.00	0.00	0.40	47.10	0.00
16H-7- 38	147.68	0.00	0.00	21.30	47.90	25.00	0.30	0.00	0.00	0.00	0.30	1.00	0.00
17X-1- 50	148.30	0.00	0.00	54.50	17.80	22.60	0.40	0.00	0.00	0.00	0.00	3.10	0.00
18X-1- 40	157.70	0.00	0.00	48.50	17.10	18.80	0.70	0.00	0.00	0.00	1.80	4.20	0.00
18X-2- 40	159.20	0.00	0.00	65.30	2.10	13.50	1.90	0.00	0.00	0.00	0.90	12.50	0.00
19X-1- 41	167.21	0.00	0.00	65.90	0.80	6.70	2.90	0.00	0.00	0.00	8.20	14.60	0.80
19X-2- 41	168.71	0.00	0.00	67.20	17.20	8.20	0.00	0.00	0.00	0.00	0.00	7.40	0.00
19X-3- 41	170.21	0.00	0.00	51.10	3.00	11.90	0.60	0.00	0.00	0.00	2.60	28.90	0.00
19X-4- 41	171.71	0.00	0.00	78.70	1.40	17.10	0.00	0.00	0.20	0.00	0.00	2.70	0.00
19X-5- 41	173.21	0.00	0.00	86.30	0.50	12.30	0.00	0.00	0.00	0.00	0.00	0.80	0.00
19X-6- 41	174.71	0.00	0.00	86.60	4.10	8.20	0.00	0.00	0.00	0.00	0.00	1.20	
20X-1- 41	176.71	0.00	0.00	77.70	0.50	14.70	0.00	0.00	0.20	0.00	0.00	6.90	0.00
20X-2- 41	178.21	0.00	0.00	86.50	0.90	9.30	0.60	0.20	0.20	0.00	0.00	2.30	0.00
20X-3- 41	179.71	0.00	0.00	88.80	3.00	7.20	0.40	0.10	0.00	0.10	0.00	0.30	0.00
20X-4- 41	181.21	0.00	0.00	54.20	3.70	34.60	0.40	0.00	2.80	0.00	0.00	3.00	0.00
20X-5- 41	182.71	0.00	0.00	64.80	10.60	20.20	0.10	0.00	0.00	0.00	0.40	3.40	0.00
20X-6- 41	184.21	0.00	0.00	82.10	2.00	13.00	0.30	0.00	0.00	0.00	0.70	1.40	0.00
22X-1- 40	195.70	0.00	0.00	24.00	55.80	20.10	0.00	0.00	0.00	0.00	0.00	0.20	0.00
22X-2- 40	197.20	0.00	0.00	17.10	52.80	28.50	0.00	0.00	0.00	0.00	0.00	1.60	
22X-3- 40	198.70	0.00	0.00	51.80	27.10	20.50	0.30	0.00	0.10	0.00	0.00	0.10	0.00
22X-4- 40	200.20	0.00	0.00	63.70	17.70	17.90	0.00	0.00	0.00	0.00	0.00	0.60	0.00
22X-6- 40	203.20	0.00	0.00	67.40	3.90	28.20	0.00	0.00	0.00	0.00	0.00	0.50	0.00
22X-7- 40	204.70	0.00	0.00	70.50	16.40	13.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00
23X-2-39	206.99	0.00	0.00	90.20	1.40	7.10	1.00	0.00	0.00	0.00	0.00	0.40	0.00
23X-3-39	208.49	0.00	0.00	81.40	3.40	5.70	9.50	0.00	0.00	0.00	0.00	0.00	0.00
23X-4-39	209.99	0.00	0.00	66.80	1.70	24.60	4.50	0.00	0.00	0.00	0.00	2.40	0.00
23X-5-39	211.49	0.00	0.00	75.30	7.40	11.10	0.90	0.00	0.00	0.00	0.60	4.70	0.00
23X-6-39	212.99	0.00	0.00	90.60	7.00	1.90	0.00	0.00	0.00	0.00	0.00	0.50	0.00
23X-7-39	214.49	0.00	0.00	96.30	1.30	1.10	0.00	0.00	0.00	0.00	0.00	1.30	0.00
23X-1-39	215.29	0.20	0.00	97.20	1.00	0.70	0.20	0.00	0.00	0.00	0.00	0.80	0.00
24X-1-39	215.29	0.00	0.00	93.40	6.00	0.20	0.00	0.00	0.00	0.00	0.00	0.40	0.00
24X-2-39	216.79	0.00	0.00	75.90	8.90	9.50	1.10	0.30	0.70	0.00	2.00	1.60	0.00
24X-3-39	218.29	0.00	0.00	81.00	7.10	3.40	0.40	0.00	0.00	0.00	0.60	7.50	0.00

Table 1.3 (continued).

Sample no.	Depth (mbsf)	Grain amount percentages											
		Benthic foram. (%)	Plankt. foram. (%)	Rads. (%)	Diatoms (%)	Sponge spicule (%)	Quartz (%)	Feldspar (%)	Mica (%)	Hev. Min. (%)	Rock fr. (%)	Volc. gl. (%)	Auth. (%)
24X-4-39	219.79	0.00	0.00	61.10	6.60	32.00	0.10	0.00	0.00	0.00	0.10	0.00	0.00
24X-5-39	221.29	0.00	0.00	75.80	4.10	16.50	0.00	0.20	0.00	0.00	0.70	2.70	0.00
24X-6-39	222.79	0.00	0.00	80.30	3.40	14.50	0.00	0.00	0.00	0.00	0.00	1.80	0.00
24X-7-39	224.29	0.00	0.00	88.70	2.10	1.70	0.20	0.00	0.00	0.00	1.00	6.30	0.00
25X-1-50	225.50	0.00	0.00	45.40	16.10	38.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25X-2-50	226.70	0.00	0.00	33.70	54.70	10.20	0.50	0.00	0.00	0.00	0.00	0.90	0.00
25X-3-50	228.20	0.00	0.00	48.50	36.10	14.60	0.00	0.00	0.00	0.00	0.20	0.60	0.00
25X-4-50	229.70	0.00	0.00	25.30	63.60	9.90	0.30	0.20	0.00	0.00	0.00	0.70	0.00
25X-5-50	231.20	0.00	0.00	10.00	84.50	4.30	0.00	0.00	0.00	0.00	0.20	0.90	0.00
25X-6-50	232.70	0.00	0.00	16.70	74.70	7.50	0.00	0.00	0.00	0.00	0.00	1.00	0.00
25X-7-50	234.20	0.00	0.00	18.80	74.70	4.20	0.20	0.00	0.00	0.00	0.00	2.10	0.00
26X-1-40	234.90	0.00	0.00	26.50	37.50	35.80	0.00	0.00	0.00	0.00	0.00	0.40	0.00
26X-2-40	236.40	0.00	0.00	12.40	74.30	13.10	0.00	0.00	0.00	0.00	0.00	0.20	0.00
26X-3-40	237.90	0.00	0.00	15.30	82.60	2.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26X-4-40	239.40	0.00	0.00	32.70	61.00	4.60	0.00	0.00	0.00	0.00	0.00	1.70	0.00
26X-5-40	240.90	0.00	0.00	68.00	14.10	12.10	0.90	0.00	0.00	0.00	0.90	4.00	0.00
26X-6-40	242.40	0.00	0.00	16.10	76.90	5.40	0.00	0.00	0.00	0.40	0.00	1.30	0.00
27X-1-40	244.70	0.00	0.00	62.20	24.70	2.40	9.60	0.00	0.30	0.00	0.70	0.10	0.00
27X-2-40	246.20	0.00	0.00	55.20	17.70	17.40	7.70	0.40	0.00	0.00	0.30	1.30	0.00
27X-3-40	247.70	0.00	0.00	39.90	33.80	7.30	4.00	0.10	0.50	0.10	1.70	12.50	0.00
27X-4-40	249.20	0.00	0.00	43.90	22.80	24.90	1.50	0.40	0.00	0.00	0.00	6.50	0.00
27X-5-40	250.70	0.00	0.00	71.00	13.50	8.10	2.20	0.40	0.00	0.00	0.40	3.90	0.40
27X-6-40	252.20	0.00	0.00	11.30	63.00	25.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28X-1-40	254.50	0.00	0.00	63.30	4.80	19.10	1.20	0.00	0.00	0.20	1.70	9.70	0.00
28X-2-40	256.00	0.00	0.00	55.20	3.90	16.40	2.20	0.00	0.00	0.00	3.60	18.70	0.00
28X-3-40	257.50	0.00	0.00	30.90	17.20	43.30	1.10	0.70	0.00	0.00	3.90	3.00	0.00
28X-4-40	259.00	0.00	0.00	55.70	5.20	38.90	0.20	0.00	0.00	0.00	0.00	0.00	0.00

Table 1.3 (continued).

Sample no.	Depth (mbsf)	Subfraction of coarse fraction (μm)				
		>63 (%)	63–125 (%)	125–500 (%)	500–1000 (%)	>1000 (%)
1H-1- 20	0.20	10.81	49.70	47.57	2.24	0.48
1H-1- 40	0.40	25.37	50.21	45.44	2.67	1.68
1H-1- 60	0.60	4.95	74.72	24.15	1.11	0.02
1H-1- 81	0.80	9.01	65.72	32.95	1.21	0.12
1H-1-101	1.01	5.64	62.20	33.56	3.81	0.43
1H-1-121	1.21	21.29	56.01	42.90	0.88	0.21
1H-1-141	1.41	24.87	33.67	64.78	0.71	0.84
1H-2- 20	1.70	26.81	79.30	20.20	0.28	0.22
1H-2- 41	1.90	19.33	71.48	27.34	1.09	0.09
1H-2- 64	2.14	37.37	54.30	45.04	0.17	0.49
1H-2- 81	2.31	30.63	17.23	81.48	0.78	0.51
1H-2-101	2.51	27.59	19.72	78.32	1.06	0.89
1H-3- 62	3.62	21.61	94.11	5.10	0.48	0.30
1H-3-101	4.01	13.29	51.80	44.37	2.71	1.12
1H-3-121	4.21	15.44	59.66	34.79	4.40	1.15
1H-3-141	4.41	18.33	66.92	25.17	0.75	7.15
1H-4- 21	4.71	29.08	50.98	46.86	1.61	0.55
1H-4- 41	4.91	16.70	50.64	43.86	4.90	0.60
2H-1- 21	5.31	17.31	53.00	45.13	1.59	0.28
2H-1- 40	5.70	24.82	25.17	70.73	1.38	2.73
2H-1- 60	5.90	9.54	34.26	64.60	1.00	0.14
2H-1- 82	6.12	18.23	66.30	30.16	1.96	1.58
2H-1-100	6.30	20.90	58.84	36.56	3.38	1.21
2H-1-120	6.50	5.83	36.52	62.13	1.27	0.08
2H-1-142	6.72	21.53	14.77	84.60	0.58	0.05
2H-2- 40	7.20	11.13	41.27	57.76	0.95	0.02
2H-2- 60	7.40	13.34	66.74	30.97	1.88	0.41
2H-2- 82	7.62	17.70	26.77	71.60	1.44	0.19
2H-2-100	7.80	9.30	59.57	38.31	1.97	0.15
2H-2-120	8.00	9.17	63.84	33.02	2.54	0.60
2H-3- 21	8.51	1.10	99.96	0.00	0.00	0.04
2H-3- 40	8.70	2.93	44.64	55.16	0.20	0.00
2H-3- 60	8.90	12.62	31.98	65.60	2.26	0.15
2H-3- 82	9.12	6.83	3.93	38.76	56.26	1.05
2H-3-100	9.30	11.21	45.59	53.32	1.04	0.05
2H-3-120	9.50	21.16	28.36	69.36	0.68	1.60
2H-3-142	9.72	16.53	45.21	50.98	2.00	1.81
2H-4- 21	10.01	10.40	32.44	67.06	0.49	0.01
2H-4- 40	10.20	1.48	58.47	41.53	0.00	0.00
2H-4- 60	10.40	0.20	52.74	47.26	0.00	0.00
2H-4- 82	10.62	24.70	45.89	52.75	1.06	0.30
2H-4-120	11.00	6.90	59.79	33.61	5.86	0.74
2H-5- 21	11.51	14.40	58.90	40.64	0.34	0.12
2H-5- 40	11.70	15.84	62.75	34.97	1.90	0.38
2H-5- 60	11.90	20.95	98.53	0.00	1.28	0.19
2H-5- 82	12.12	13.62	38.37	57.12	1.83	2.68
2H-5-100	12.30	10.50	17.87	80.66	1.30	0.17
2H-5-120	12.50	11.50	53.00	44.22	2.32	0.46
2H-5-142	12.72	15.68	15.20	83.84	0.94	0.02
2H-6- 21	13.01	10.87	30.78	68.94	0.28	0.00
2H-6- 40	13.20	16.40	49.19	50.25	0.57	0.00
2H-6- 60	13.40	2.50	60.13	37.65	2.22	0.00

Table 1.3 (continued).

Sample no.	Depth (mbsf)	Subfraction of coarse fraction (μm)				
		>63 (%)	63–125 (%)	125–500 (%)	500–1000 (%)	>1000 (%)
2H-6- 82	13.62	2.55	47.75	49.46	2.80	0.00
2H-6-111	13.91	9.24	46.86	50.97	1.85	0.32
2H-6-120	14.00	6.20	76.90	22.07	0.95	0.08
2H-6-142	14.22	20.32	71.12	26.52	1.52	0.84
2H-7- 21	14.51	23.40	52.95	46.70	0.31	0.04
2H-7- 40	14.70	6.42	60.71	35.78	2.63	0.88
3H-1- 25	15.05	18.09	29.38	69.55	0.74	0.33
3H-1- 42	15.21	9.10	48.24	49.56	1.96	0.24
3H-2- 20	16.50	8.70	25.79	73.07	1.13	0.02
3H-2- 42	16.72	11.14	37.02	58.74	3.48	0.75
3H-2- 60	16.90	19.61	27.25	70.95	1.70	0.10
3H-2- 82	17.12	15.11	42.07	56.01	1.83	0.09
3H-2-101	17.31	2.63	65.50	33.00	1.50	0.01
3H-2-120	17.50	7.11	50.43	42.84	6.46	0.27
3H-2-142	17.72	20.10	51.28	44.01	3.11	1.60
3H-3- 20	18.00	6.84	63.20	34.16	2.44	0.20
3H-3- 25	18.05	19.68	80.99	18.72	0.26	0.04
3H-3- 40	18.20	4.40	53.71	44.74	1.41	0.14
3H-3- 58	18.38	17.97	44.60	53.37	1.73	0.30
3H-3- 82	18.62	0.69	58.98	39.69	1.33	0.01
3H-3-100	18.80	1.45	72.32	24.65	2.79	0.24
3H-3-116	18.96	2.00	73.31	26.69	0.00	0.00
3H-3-121	19.03	8.92	54.29	42.92	2.52	0.27
3H-4- 20	19.50	16.60	43.49	50.54	5.16	0.81
3H-4- 42	19.72	2.68	65.46	31.06	3.29	0.19
3H-4- 58	19.88	2.30	80.32	17.66	1.65	0.37
3H-4- 82	20.12	3.10	80.54	18.04	1.42	0.00
3H-4-100	20.30	11.76	57.37	39.21	3.11	0.32
3H-4-122	20.52	14.78	15.60	83.99	0.38	0.03
3H-4-142	20.72	6.33	77.04	22.04	0.88	0.04
3H-5- 20	21.00	2.41	64.20	32.86	2.94	0.00
3H-5- 40	21.20	10.41	67.08	31.85	0.94	0.14
3H-5- 58	21.38	6.44	15.67	81.61	2.64	0.08
3H-5- 82	21.62	6.30	78.39	19.48	2.06	0.07
3H-5-100	21.80	4.11	65.48	32.83	1.62	0.08
3H-5-120	22.00	12.18	64.46	33.25	1.86	0.43
3H-5-140	22.20	6.52	49.39	49.23	1.30	0.09
3H-6- 20	22.50	5.70	44.63	53.34	1.98	0.05
3H-6- 40	22.70	7.70	44.53	50.60	4.85	0.02
3H-6- 58	22.88	12.60	67.00	31.08	1.76	0.16
3H-6- 82	23.12	6.95	66.72	30.72	2.41	0.15
3H-6-100	23.30	2.98	65.51	31.93	2.51	0.05
3H-6-120	23.50	3.98	72.08	26.43	1.31	0.18
3H-6-140	23.70	4.22	59.32	39.42	1.23	0.03
3H-7- 20	24.00	9.10	43.30	54.77	1.82	0.11
3H-7- 40	24.20	14.30	46.45	51.35	1.93	0.26
3H-7- 56	24.30	13.24	45.56	52.81	1.57	0.05
4H-1- 20	24.50	2.10	71.16	24.52	4.25	0.07
4H-1- 40	24.70	4.85	54.89	41.79	2.77	0.56
4H-1- 60	24.90	0.83	71.47	25.43	3.10	0.00
4H-1- 80	25.10	4.00	70.62	25.46	3.38	0.53
4H-1- 94	25.24	8.06	88.27	11.22	0.48	0.03

Table 1.3 (continued).

Sample no.	Depth (mbsf)	Subfraction of coarse fraction (μm)				
		>63 (%)	63–125 (%)	125–500 (%)	500–1000 (%)	>1000 (%)
4H-1-100	25.30	7.10	82.87	17.12	0.00	0.01
4H-1-120	25.50	6.50	78.53	21.47	0.00	0.00
4H-1-140	25.70	10.92	88.04	11.57	0.39	0.00
4H-2- 20	26.00	5.40	84.62	15.34	0.00	0.04
4H-2- 40	26.20	3.40	66.85	26.83	6.10	0.21
4H-2- 60	26.40	1.21	31.47	32.28	36.24	0.01
4H-2- 80	26.60	2.50	62.80	37.15	0.00	0.05
4H-2-100	26.80	8.92	52.09	47.25	0.63	0.03
4H-2-120	27.00	6.65	62.39	37.57	0.00	0.04
4H-2-140	27.30	1.67	74.67	25.28	0.00	0.05
4H-3- 20	27.50	11.50	69.05	28.56	1.85	0.55
4H-3- 40	27.60	2.95	74.41	23.46	2.09	0.04
4H-3- 60	27.80	3.00	66.05	32.97	0.98	0.00
4H-3- 80	28.00	15.83	57.98	39.51	2.28	0.23
4H-3- 94	28.14	7.38	59.36	36.97	3.48	0.19
4H-3-100	28.20	1.72	67.31	32.66	0.00	0.03
4H-3-120	28.40	20.04	64.27	33.32	2.07	0.34
4H-3-140	28.60	14.20	29.17	69.53	1.29	0.01
4H-4- 20	29.00	17.10	79.70	19.73	0.45	0.12
4H-4- 40	29.20	18.20	71.85	26.71	1.19	0.24
4H-4- 60	29.40	3.30	73.74	26.18	0.00	0.08
4H-4- 80	29.60	10.30	44.66	55.08	0.00	0.26
4H-4-100	29.80	8.30	54.25	43.16	2.19	0.40
4H-4-120	30.00	6.70	74.47	25.34	0.17	0.01
4H-5- 18	30.48	10.95	60.54	37.72	1.62	0.13
4H-5- 40	30.70	9.04	63.00	34.63	2.10	0.27
4H-5- 60	30.90	17.34	59.52	38.78	0.00	1.70
4H-5- 80	31.10	15.17	72.30	26.49	0.83	0.39
4H-5- 94	31.24	18.40	90.28	8.00	0.00	1.72
4H-5-100	31.30	15.30	92.20	7.41	0.00	0.39
4H-5-140	31.70	4.80	41.99	57.98	0.00	0.03
4H-6- 16	31.96	8.30	66.48	33.51	0.00	0.01
4H-6- 40	32.20	9.70	69.22	30.58	0.00	0.20
4H-6- 60	32.40	15.20	82.14	17.51	0.00	0.35
4H-6- 80	32.60	6.20	68.40	31.51	0.00	0.09
4H-6-100	32.80	5.50	79.01	19.28	1.57	0.14
4H-6-120	33.00	12.20	46.27	47.56	5.32	0.85
4H-6-140	33.20	20.30	62.59	36.64	0.00	0.77
4H-7- 20	33.50	12.40	64.68	33.92	1.26	0.14
4H-7- 40	33.70	10.40	68.07	29.41	2.33	0.19
5H-1- 17	33.97	3.40	56.57	43.30	0.00	0.13
5H-1- 42	34.22	2.00	65.66	33.07	1.10	0.16
5H-1- 62	34.42	4.30	56.64	40.18	3.06	0.12
5H-1- 82	34.62	9.90	61.49	36.85	1.66	0.01
5H-1-102	34.82	22.10	49.84	49.12	0.91	0.13
5H-1-123	35.03	17.80	68.40	28.61	2.43	0.56
5H-1-142	35.22	12.40	70.28	27.72	1.71	0.29
5H-2- 17	35.47	11.60	68.53	30.90	0.48	0.09
5H-2- 42	35.72	7.50	59.88	37.83	1.90	0.38
5H-2- 62	35.92	3.72	57.77	39.92	2.26	0.05
5H-2- 82	36.12	11.82	54.89	39.20	4.98	0.93
5H-2-102	36.32	7.00	51.94	45.94	2.07	0.04

Table 1.3 (continued).

Sample no.	Depth (mbsf)	Subfraction of coarse fraction (μm)				
		>63 (%)	63–125 (%)	125–500 (%)	500–1000 (%)	>1000 (%)
5H-2-123	36.43	5.10	72.73	27.11	0.13	0.03
5H-2-142	36.61	7.10	60.77	38.30	0.90	0.04
5H-3- 17	36.97	12.10	67.66	31.62	0.67	0.05
5H-3- 42	37.22	6.90	58.84	39.54	1.55	0.06
5H-3- 62	37.42	5.00	70.54	27.87	1.59	0.00
5H-3- 82	37.62	12.70	59.02	39.82	0.80	0.36
5H-3-102	37.82	13.63	67.90	29.63	1.97	0.51
5H-3-142	38.22	9.90	60.52	36.98	2.33	0.17
5H-4- 17	38.47	7.41	70.27	28.97	0.75	0.01
5H-4- 42	38.72	8.72	55.80	40.78	2.77	0.65
5H-4- 62	38.92	8.57	65.54	33.03	1.18	0.25
5H-4- 82	39.12	8.60	78.11	21.02	0.63	0.25
5H-4-102	39.32	6.10	44.33	53.30	2.37	0.00
5H-4-123	39.43	11.40	67.43	30.42	1.99	0.16
5H-4-143	39.62	12.50	69.35	28.97	1.39	0.29
5H-5- 17	39.97	10.72	50.52	47.57	1.89	0.02
5H-5- 62	40.42	8.88	66.66	31.19	1.48	0.68
5H-5- 82	40.62	5.80	53.92	43.86	2.00	0.21
5H-5-102	40.82	6.00	64.07	34.81	1.13	0.00
5H-5-123	41.03	6.05	65.74	32.66	1.50	0.10
5H-6- 17	41.47	6.70	66.16	32.42	1.37	0.05
5H-6- 42	41.72	7.64	76.52	23.42	0.00	0.06
5H-6- 62	41.92	3.89	77.96	21.71	0.33	0.00
5H-6- 82	42.12	4.02	2.78	93.76	3.27	0.19
5H-6-102	42.32	4.90	55.83	40.94	3.16	0.06
5H-6-122	42.42	14.50	65.62	30.32	1.67	2.40
5H-6-142	42.62	10.21	60.69	34.93	3.14	1.24
6H-1- 20	43.50	17.44	55.49	33.97	7.50	3.03
6H-1- 42	43.70	10.40	55.51	37.98	5.61	0.90
6H-1- 61	43.91	13.30	63.18	34.13	2.40	0.29
6H-1- 83	44.13	13.20	99.49	0.00	0.00	0.51
6H-1-102	44.32	4.20	56.18	41.88	1.78	0.16
6H-1-120	44.50	12.10	78.87	19.96	1.01	0.16
6H-1-142	44.72	8.30	69.20	29.86	0.94	0.00
6H-2- 20	45.00	5.52	79.14	19.92	0.91	0.03
6H-2- 61	45.44	17.82	86.35	8.24	0.00	5.41
6H-2-102	45.82	13.10	69.98	28.61	1.27	0.14
6H-2-120	46.00	13.80	34.27	64.64	1.05	0.04
6H-2-142	46.20	19.50	74.58	23.59	1.63	0.20
6H-3- 20	46.50	3.65	67.77	31.17	1.07	0.00
6H-3- 42	46.72	8.70	95.96	0.00	3.81	0.23
6H-3- 61	46.90	4.70	72.81	25.87	1.26	0.06
6H-3- 83	47.13	6.22	76.27	21.48	2.25	0.01
6H-3-102	47.32	4.40	64.33	34.04	1.54	0.10
6H-3-120	47.50	1.98	69.41	30.59	0.00	0.00
6H-3-142	47.72	4.04	54.05	43.93	1.94	0.09
6H-4- 20	48.00	8.72	72.85	25.18	1.90	0.07
6H-4- 42	48.22	9.70	90.00	9.69	0.29	0.02
6H-4- 61	48.40	6.35	57.11	42.04	0.68	0.17
6H-4- 83	48.63	11.90	55.05	43.25	1.44	0.27
6H-4-102	48.82	18.87	53.96	44.47	1.19	0.38
6H-4-120	49.01	5.40	53.26	44.23	2.38	0.13

Table 1.3 (continued).

Sample no.	Depth (mbsf)	Subfraction of coarse fraction (μm)				
		>63 (%)	63–125 (%)	125–500 (%)	500–1000 (%)	>1000 (%)
6H-5- 20	49.50	3.42	84.12	15.31	0.57	0.00
6H-5- 42	49.72	8.20	57.85	40.03	1.89	0.23
6H-5- 61	49.90	5.40	60.28	36.79	2.35	0.58
6H-5- 83	50.13	12.20	53.70	44.56	1.69	0.05
6H-5-102	50.32	6.70	64.95	33.09	1.88	0.08
6H-5-120	50.50	9.22	61.39	36.97	1.29	0.35
6H-5-142	50.72	7.00	63.46	34.93	1.50	0.12
6H-6- 20	51.00	3.44	75.47	24.19	0.25	0.09
6H-6- 42	51.22	1.80	77.67	22.33	0.00	0.00
6H-6- 46	51.26	5.20	99.86	0.00	0.00	0.14
6H-6- 60	51.40	1.34	85.06	14.94	0.00	0.00
6H-6- 83	51.63	2.70	100.00	0.00	0.00	0.00
7H-1- 21	53.01	4.70	68.06	27.69	3.79	0.46
7H-1- 41	53.21	1.82	79.58	19.12	1.07	0.23
7H-1- 62	53.42	2.70	80.49	18.89	0.62	0.00
7H-1- 83	53.62	2.83	90.27	8.89	0.84	0.00
7H-1-105	53.84	0.81	74.44	22.20	3.37	0.00
7H-1-122	54.06	1.11	97.40	2.60	0.00	0.00
7H-1-142	54.22	1.30	97.47	2.34	0.19	0.00
7H-2- 21	54.31	0.56	95.62	4.38	0.00	0.00
7H-2- 41	54.72	0.40	80.10	19.90	0.00	0.00
7H-2- 64	54.90	0.64	90.01	7.66	2.33	0.00
7H-2- 83	55.13	0.64	100.00	0.00	0.00	0.00
7H-2-105	55.35	0.71	100.00	0.00	0.00	0.00
7H-2-123	55.53	1.51	87.13	12.70	0.17	0.00
7H-2-142	55.72	1.40	100.00	0.00	0.00	0.00
7H-3- 21	56.01	1.84	87.08	10.22	2.70	0.00
7H-3- 41	56.21	1.30	72.37	20.97	6.61	0.05
7H-3- 62	56.42	3.22	95.05	4.51	0.43	0.01
7H-3- 82	56.62	2.50	74.42	23.47	2.11	0.00
7H-3-122	57.02	0.84	100.00	0.00	0.00	0.00
7H-3-142	57.22	0.87	100.00	0.00	0.00	0.00
7H-4- 21	57.51	0.86	83.78	14.83	1.38	0.00
7H-4- 41	57.72	1.20	99.84	0.00	0.00	0.16
7H-4- 62	57.80	1.73	88.10	11.35	0.55	0.00
7H-4- 83	58.13	2.70	76.46	22.49	1.05	0.00
7H-4-105	58.34	1.97	87.16	12.29	0.52	0.03
7H-4-122	58.53	1.19	100.00	0.00	0.00	0.00
7H-4-142	58.72	2.10	78.46	12.79	8.74	0.00
7H-5- 21	59.01	3.98	83.37	15.05	1.43	0.15
7H-5- 41	59.21	2.40	94.12	5.26	0.62	0.00
7H-5- 62	59.42	2.95	92.46	7.11	0.41	0.02
7H-5- 83	59.62	5.57	76.45	22.21	0.83	0.51
7H-5-105	59.84	1.40	81.35	17.94	0.71	0.00
7H-5-122	60.02	2.36	96.08	3.92	0.00	0.00
7H-6- 12	60.42	4.00	92.90	6.61	0.49	0.00
8H-1- 35	62.65	1.8	95.14	4.86	0.00	0.00
8H-2- 35	64.15	1.47	89.87	9.35	0.78	0.00
8H-3- 35	65.65	0.71	86.62	13.38	0.00	0.00
8H-4- 35	67.15	0.72	92.68	6.34	0.98	0.00
8H-5- 35	68.65	1.03	86.03	13.97	0.00	0.00
8H-6- 35	70.15	0.54	88.03	11.11	0.85	0.00

Table 1.3 (continued).

Sample no.	Depth (mbsf)	Subfraction of coarse fraction (μm)				
		>63 (%)	63–125 (%)	125–500 (%)	500–1000 (%)	>1000 (%)
9H-1- 40	72.20	1.25	90.60	9.40	0.00	0.00
9H-2- 40	73.70	0.47	78.76	19.47	1.77	0.00
9H-3- 40	75.20	0.09	67.50	30.00	2.50	0.00
9H-4- 40	76.70	0.76	69.17	27.08	3.75	0.00
9H-6- 40	79.70	0.24	53.85	41.54	4.62	0.00
9H-7- 40	71.20	0.22	70.77	29.23	0.00	0.00
10H-1- 40	81.70	0.87	50.28	31.84	17.88	0.00
10H-2- 40	83.20	0.65	66.89	23.65	9.46	0.00
10H-3- 40	84.70	1.89	70.21	28.92	0.87	0.00
10H-4- 40	86.20	0.56	82.14	17.86	0.00	0.00
10H-5- 40	87.70	0.16	53.33	46.67	0.00	0.00
10H-6- 40	89.20	0.56	69.54	30.46	0.00	0.00
10H-7- 40	90.70	0.68	88.30	11.70	0.00	0.00
11H-1- 40	91.20	0.42	87.93	12.07	0.00	0.00
11H-2- 40	92.70	5.16	83.93	15.50	0.57	0.00
11H-3- 40	94.20	0.24	71.79	17.95	10.26	0.00
11H-4- 40	95.70	0.53	71.23	28.77	0.00	0.00
11H-5- 40	97.20	0.78	25.67	74.33	0.00	0.00
11H-6- 40	98.70	1.1	22.22	77.78	0.00	0.00
11H-7- 16	99.96	3.73	46.18	52.66	0.00	1.16
12H-1- 40	100.70	0.64	15.66	67.47	4.82	12.05
12H-2- 40	102.20	0.77	21.57	78.43	0.00	0.00
12H-3- 40	103.70	5.37	73.94	25.93	0.14	0.00
12H-4- 40	105.20	2	62.36	37.64	0.00	0.00
12H-5- 40	106.70	1.59	43.21	47.22	4.45	5.12
12H-6- 40	108.20	0.5	54.39	45.61	0.00	0.00
13H-1- 40	110.20	2.14	44.80	53.90	1.30	0.00
13H-2- 40	111.70	1.04	40.45	59.55	0.00	0.00
13H-3- 40	113.20	0.32	50.00	50.00	0.00	0.00
13H-4- 40	114.70	1.38	43.69	56.31	0.00	0.00
13H-5- 40	116.20	1.59	57.60	36.00	6.40	0.00
13H-6- 40	117.70	0.82	80.42	19.58	0.00	0.00
13H-7- 40	119.20	1.39	65.75	30.00	4.25	0.00
14H-1- 40	119.70	0.47	53.40	40.78	0.00	5.83
14H-2- 40	121.20	3.39	70.43	29.57	0.00	0.00
14H-3- 40	122.70	0.66	62.86	37.14	0.00	0.00
14H-4- 40	124.20	1.78	56.46	41.95	1.58	0.00
14H-5- 40	125.70	2.02	52.85	45.60	1.55	0.00
14H-6- 40	127.20	1.36	61.25	33.05	5.70	0.00
15H-1- 39	129.19	0.81	84.96	15.04	0.00	0.00
15H-2- 39	130.69	0.54	28.83	56.76	14.41	0.00
15H-3- 39	132.19	0.52	59.15	33.80	7.04	0.00
15H-4- 39	133.69	0.27	5.30	13.91	6.62	74.17
15H-5- 39	135.19	3.12	62.94	33.56	3.50	0.00
15H-6- 39	136.69	0.96	63.53	31.31	5.17	0.00
16H-1- 38	138.68	2.5	77.88	20.16	2.05	0.00
16H-2- 38	140.18	5.3	79.09	20.48	0.44	0.00
16H-3- 38	141.68	1.01	74.18	25.82	0.00	0.00
16H-4- 38	143.18	1.31	69.39	27.70	2.90	0.00
16H-5- 38	144.68	1.53	78.09	21.91	0.00	0.00
16H-6- 38	146.18	1.21	94.06	5.37	0.00	0.57
16H-7- 38	147.68	2.81	94.88	5.12	0.00	0.00

Table 1.3 (continued).

Sample no.	Depth (mbsf)	Subfraction of coarse fraction (μm)				
		>63 (%)	63–125 (%)	125–500 (%)	500–1000 (%)	>1000 (%)
17X-1- 50	148.30	1.13	70.16	17.05	5.25	7.54
18X-1- 40	157.70	2.21	20.11	5.33	3.56	71.00
18X-2- 40	159.20	0.54	83.50	16.50	0.00	0.00
19X-1- 41	167.21	3.57	46.36	12.28	21.08	20.29
19X-2- 41	168.71	1.02	72.03	26.91	1.06	0.00
19X-3- 41	170.21	1.5	92.93	6.50	0.57	0.00
19X-4- 41	171.71	1.55	86.05	13.28	0.67	0.00
19X-5- 41	173.21	0.85	75.00	25.00	0.00	0.00
19X-6- 41	174.71	0.66	73.55	26.45	0.00	0.00
20X-1- 41	176.71	0.87	64.72	35.28	0.00	0.00
20X-2- 41	178.21	0.3	83.75	16.25	0.00	0.00
20X-3- 41	179.71	0.25	61.98	38.02	0.00	0.00
20X-4- 41	181.21	1.14	30.78	51.78	17.44	0.00
20X-5- 41	182.71	0.36	46.52	53.48	0.00	0.00
20X-6- 41	184.21	0.45	69.47	30.53	0.00	0.00
22X-1- 40	195.70	0.92	75.24	24.76	0.00	0.00
22X-2- 40	197.20	0.6	73.48	26.52	0.00	0.00
22X-3- 40	198.70	0.74	68.03	31.97	0.00	0.00
22X-4- 40	200.20	0.87	73.58	26.42	0.00	0.00
22X-5- 40	201.70	0.35	41.83	58.17	0.00	0.00
22X-6- 40	203.20	0.35	41.83	58.17	0.00	0.00
22X-7- 40	204.70	0.83	77.03	22.97	0.00	0.00
23X-1- 39	205.49	0.5	64.62	35.38	0.00	0.00
23X-2- 39	206.99	0.35	57.84	42.16	0.00	0.00
23X-3- 39	208.49	0.42	44.81	55.19	0.00	0.00
23X-4- 39	209.99	0.25	65.71	34.29	0.00	0.00
23X-5- 39	211.49	0.45	73.77	26.23	0.00	0.00
23X-6- 39	212.99	0.47	74.40	25.60	0.00	0.00
23X-7- 39	214.49	1.09	88.78	11.22	0.00	0.00
24X-1- 39	215.29	0.47	65.19	34.81	0.00	0.00
24X-2- 39	216.79	0.42	83.82	16.18	0.00	0.00
24X-3- 39	218.29	0.54	85.00	15.00	0.00	0.00
24X-4- 39	219.79	0.61	74.50	25.50	0.00	0.00
24X-5- 39	221.29	0.6	69.43	30.57	0.00	0.00
24X-6- 39	222.79	0.69	72.11	27.89	0.00	0.00
24X-7- 39	224.29	0.32	72.86	27.14	0.00	0.00
25X-1- 50	225.20	0.48	77.12	22.88	0.00	0.00
25X-2- 50	226.70	0.38	39.39	60.61	0.00	0.00
25X-3- 50	228.20	0.56	83.67	16.33	0.00	0.00
25X-4- 50	229.70	0.34	40.23	59.77	0.00	0.00
25X-5- 50	231.20	1.62	12.81	87.19	0.00	0.00
25X-6- 50	232.70	0.93	65.31	34.69	0.00	0.00
25X-7- 50	234.20	0.87	60.30	39.70	0.00	0.00
26X-1- 40	234.90	0.69	58.24	41.76	0.00	0.00
26X-2- 40	236.40	2.12	50.47	49.30	0.16	0.08
26X-3- 40	237.90	0.63	71.43	28.57	0.00	0.00
26X-4- 40	239.40	2.52	86.71	12.97	0.32	0.00
26X-5- 40	240.90	0.72	97.26	2.74	0.00	0.00
26X-6- 40	242.40	0.61	33.33	66.67	0.00	0.00
27X-1- 40	244.70	0.24	50.00	50.00	0.00	0.00
27X-2- 40	246.20	0.27	50.00	50.00	0.00	0.00
27X-3- 40	247.70	2.65	93.79	5.97	0.24	0.00

Table 1.3 (continued).

Sample no.	Depth (mbsf)	Subfraction of coarse fraction (μm)				
		>63 (%)	63–125 (%)	125–500 (%)	500–1000 (%)	>1000 (%)
27X-4- 40	249.20	0.62	57.92	42.08	0.00	0.00
27X-5- 40	250.70	0.27	54.76	45.24	0.00	0.00
27X-6- 40	252.20	0.87	47.98	52.02	0.00	0.00
28X-1- 40	254.50	0.66	62.21	37.79	0.00	0.00
28X-2- 40	256.00	1.62	65.97	34.03	0.00	0.00
28X-3- 40	257.50	0.59	80.87	19.13	0.00	0.00
28X-4- 40	259.00	0.24	67.29	32.71	0.00	0.00
28X-5- 40	260.50	3.22	95.32	4.48	0.19	0.00
28X-6- 40	262.00	1.55	78.67	21.33	0.00	0.00
29X-1- 39	264.29	1.18	57.63	33.90	8.47	0.00
29X-2- 39	265.79	0.56	38.57	61.43	0.00	0.00
29X-3- 39	267.29	0.85	69.16	30.84	0.00	0.00
29X-4- 39	268.79	0.55	100.00	0.00	0.00	0.00

Table 1.4. Sedimentological data from Hole 644A. Analysis of coarse-fraction components.

Sample no.	Depth (mbsf)	>63 μm (%)	Bulk $CaCO_3$ (%)	TOC (%)
1H-1- 22	0.22	9.52	7.22	0.65
1H-1- 42	0.42	2.74	6.30	
1H-1- 59	0.59	8.85	7.80	0.44
1H-1- 82	0.82	4.64	9.93	
1H-1-102	1.02	7.16	10.90	0.33
1H-1-122	1.22	10.94	10.21	
1H-1-142	1.42	13.96	9.88	0.31
1H-2- 22	1.72	4.35	10.23	0.48
1H-2- 42	1.92	5.75	11.24	
1H-2- 59	2.09	20.05	8.33	0.33
1H-2- 82	2.30	7.43	9.21	
1H-2-102	2.52	13.25	10.04	0.35
1H-2-122	2.72	5.47	10.03	
1H-2-142	2.90	6.08	8.77	0.38
1H-3- 22	3.22	5.36	8.14	0.43
1H-3- 42	3.42	4.95	9.49	
1H-3- 59	3.59	8.69	10.49	0.33
1H-3- 82	3.82	7.31	9.70	
1H-3-102	4.02	4.70	8.82	0.39
1H-3-122	4.22	2.19	8.25	
1H-3-142	4.42	6.08	7.78	0.41
1H-4- 22	4.72	3.02	6.73	0.38
1H-4- 42	4.92	4.52	8.05	0.35
1H-4- 59	5.09	3.79	7.39	0.26
1H-4- 82	5.30	3.98	6.92	0.36
1H-4-102	5.52	7.11	7.87	0.40
1H-4-122	5.72	4.81	6.66	0.37
1H-5- 22	6.22	4.84	7.58	0.35
1H-5- 42	6.42	4.98	6.59	
1H-5- 59	6.59	6.99	6.25	0.43
1H-5- 82	6.82	1.07	6.70	
1H-5-102	7.02	3.27	5.52	0.31
1H-5-122	7.22	3.20	7.23	
1H-5-142	7.42	4.54	10.57	0.40
1H-6- 22	7.72	5.22	11.02	0.53
1H-6- 42	7.92	2.50	10.99	
1H-6- 59	8.04	6.42	9.65	0.54
1H-6- 82	8.30	1.76	8.04	
1H-6-102	8.52	4.06	7.26	0.40
1H-6-122	8.72	2.71	10.68	
1H-6-142	8.90	5.85	8.93	0.62
2H-1- 22	9.42	3.81	11.84	0.47
2H-1- 42	9.62	2.83	6.28	
2H-1- 62	9.82	15.28	0.62	1.09
2H-1- 82	10.02	6.64	7.23	
2H-1-104	10.24	9.85	11.54	0.31
2H-1-122	10.42	8.93	5.87	
2H-1-142	10.62	12.26	23.86	0.27
2H-2- 22	10.92	14.23	29.76	0.45
2H-2- 42	11.12	8.23	15.13	
2H-2- 62	11.32	7.42	8.67	0.40

Table 1.4 (continued).

Sample no.	Depth (mbsf)	>63 μm (%)	Bulk $CaCO_3$ (%)	TOC (%)
2H-2- 82	11.52	10.75	7.31	
2H-2-104	11.74	7.59	22.23	0.45
2H-2-122	11.90	16.80	14.36	
2H-2-142	12.12	3.22	11.13	0.41
2H-3- 22	12.42	6.07	13.96	0.45
2H-3- 42	12.62	4.39	19.59	
2H-3- 62	12.82	2.40	6.73	0.56
2H-3- 82	13.02	24.19	4.47	
2H-3-104	13.22	23.68	6.63	0.34
2H-3-122	13.42	17.31	8.36	
2H-4- 22	13.92	14.82	15.15	0.27
2H-4- 42	14.12	6.39	17.03	
2H-4- 62	14.32	4.61	18.21	0.36
2H-4- 82	14.52	8.53	10.01	
2H-4-104	14.74	24.75	0.73	0.98
2H-4-122	14.90	12.07	11.91	
2H-4-142	15.12	10.56	16.04	0.41
2H-5- 22	15.42	9.08	8.61	0.47
2H-5- 42	15.62	9.88	10.77	
2H-5- 62	15.82	9.98	10.59	0.33
3H-1- 22	16.42	6.22	11.92	
3H-1- 42	16.62	4.78	8.76	0.43
3H-1- 62	16.82	3.93	11.05	
3H-1- 82	17.02	14.30	4.77	0.51
3H-1-102	17.22	6.05	9.26	
3H-1-122	17.40	9.58	6.80	0.29
3H-1-142	17.60	14.27	8.28	
3H-2- 22	17.92	11.90	7.81	0.42
3H-2- 42	18.12	12.51		
3H-2- 62	18.32	11.21	7.03	0.29
3H-2- 82	18.52	7.70		
3H-2-102	18.72	4.06	7.52	0.29
3H-2-122	18.90	0.63		
3H-2-142	19.12	2.21	5.63	0.26
3H-3- 22	19.42	6.52	5.79	0.27
3H-3- 42	19.62	1.96		
3H-3- 62	19.82	3.76	8.29	0.31
3H-3- 82	20.02	3.23		
3H-3-102	20.20	6.19	6.07	0.30
3H-4- 22	20.42	8.02	1.33	0.65
3H-4- 42	21.12	3.57		
3H-4- 62	21.32	4.91	5.09	0.37
3H-4- 82	21.52	3.20		
3H-4-102	21.72	5.07	3.45	0.45
3H-4-122	21.90	3.71		
3H-5- 22	22.43	5.14	7.69	0.33
3H-5- 42	22.62	2.64		
3H-5- 62	22.82	10.33	2.16	0.31
3H-5- 82	23.02	10.21		
3H-5-102	23.22	2.81	2.96	0.36
3H-5-122	23.40	0.62	3.22	

Table 1.4 (continued).

Sample no.	Depth (mbsf)	>63 μm (%)	Bulk $CaCO_3$ (%)	TOC (%)
3H-5-142	23.60	2.75	9.23	0.32
3H-6- 22	23.99	14.07	4.59	0.34
3H-7- 22	25.42	6.02	9.94	0.33
4H-1- 22	25.92	9.98	7.14	0.41
4H-1- 42	26.12	5.60		
4H-1- 62	26.32	4.83	10.61	0.58
4H-1- 82	26.52	5.45		
4H-1-102	26.72	0.99	6.35	0.56
4H-1-122	26.90	1.06		
4H-1-142	27.12	3.42	6.60	0.51
4H-2- 22	27.42	7.60	5.63	0.24
4H-2- 42	27.62	5.40		
4H-2- 62	27.82	7.87	3.36	0.38
4H-2- 82	28.02	5.15		
4H-2-102	28.22	6.63	4.88	0.37
4H-2-122	28.40	10.33		
4H-2-142	28.60	4.45	5.69	0.41
4H-3- 22	28.92	2.05		
4H-3- 42	29.12	3.99	0.00	0.36
4H-3- 62	29.32	12.42		
4H-3- 82	29.52	7.23	3.36	0.45
4H-3-102	29.72	15.40		
4H-3-122	29.90	16.10	0.95	0.93
4H-3-142	30.12	2.25		
4H-4- 22	30.42	3.32	12.06	0.56
4H-4- 42	30.62	5.25		
4H-4- 62	30.82	2.38	9.64	0.54
4H-4- 82	31.02	1.96	9.88	0.57
4H-4-102	31.22	25.51	8.17	0.51
4H-4-122	31.40	5.27	8.64	0.57
4H-4-142	31.60	5.97	9.97	0.43
4H-5- 22	31.92	4.03	9.23	0.44
4H-5- 42	32.12	2.64		
4H-5- 62	32.32	8.66	3.57	0.64
4H-5- 82	32.52	13.06		
4H-5-102	32.72	12.60	0.38	0.69
4H-5-122	32.92	6.59		
4H-5-142	33.12	5.93	4.53	0.27
4H-6- 22	33.42	2.72	3.87	0.31
4H-6- 42	33.62	4.29		
4H-6- 62	33.82	3.50	4.33	0.57
4H-6- 82	34.02	1.62		
5H-1- 22	35.42	4.25	0.73	0.45
5H-1- 42	35.62	3.94		
5H-1- 62	35.82	13.77	6.63	0.76
5H-1- 82	36.02	4.50		
5H-1-102	36.22	14.13	0.27	0.70
5H-1-122	36.40	15.93		
5H-1-141	36.31	20.53	1.29	0.82
5H-2- 22	36.92	15.98	1.01	0.41
5H-2- 42	37.12	15.66		

Table 1.4 (continued).

Sample no.	Depth (mbsf)	>63 μm (%)	Bulk $CaCO_3$ (%)	TOC (%)
5H-2- 62	37.32	1.45	11.08	0.75
5H-2- 82	37.52	6.02	15.41	
5H-2-102	37.72	14.28	10.34	0.33
5H-2-122	37.90	5.64		
5H-2-137	38.07	8.79	10.82	0.66
5H-3- 22	38.42	14.16	7.02	0.51
5H-3- 42	38.62	7.96		
5H-3- 62	38.82	3.97	10.38	0.65
5H-3- 82	39.02	11.81		
5H-3-102	39.22	3.01	14.09	0.57
5H-3-122	39.40	4.21		
5H-3-137	39.60	3.26	9.78	0.59
5H-4- 22	39.92	2.26	12.75	0.92
5H-4- 42	40.12	2.50	10.86	
5H-4- 62	40.32	6.28	10.02	0.66
5H-4- 82	40.52	1.56		
5H-4-102	40.72	3.42	11.05	0.80
5H-4-122	40.90	5.94		
5H-4-137	41.07	9.71	9.04	0.57
5H-5- 22	41.42	9.77	12.41	0.67
5H-5- 42	41.62	7.00		
5H-5- 62	41.82	6.05	13.48	0.86
5H-5- 82	42.02	23.15		
5H-5-102	42.22	9.93	12.12	0.94
5H-5-122	42.40	5.19		
5H-5-141	42.64	26.09	9.32	0.48
6H-1- 22	44.92	6.18	11.92	0.39
6H-1- 59	45.29	6.10		
6H-1- 78	45.48	31.58	0.78	0.75
6H-1-101	45.71	36.15		
6H-1-122	45.90	32.86	0.39	0.70
6H-1-142	46.12	6.19		
6H-2- 22	46.42	2.82	9.25	0.58
6H-2- 59	46.79	12.36		
6H-2- 78	46.92	11.12	8.97	0.31
6H-2-101	47.21	2.71	14.47	
6H-2-122	47.48	1.87	9.25	0.50
6H-2-142	47.62	9.78		
6H-3- 22	47.92	2.21	5.57	0.38
6H-3- 59	48.29	6.62		
6H-3- 78	48.48	5.89	8.46	0.45
6H-3-101	48.71	35.08	4.70	
6H-3-122	48.90	2.89		0.29
6H-3-142	49.12	3.46		
6H-4- 22	49.42	7.85	23.01	0.25
6H-4- 42	49.62	5.01		
6H-4- 59	49.79	2.54	12.11	0.34
6H-4- 78	49.98	6.84		
6H-4-101	50.21	4.46	10.55	0.51
6H-4-117	50.37	4.67		
6H-5- 22	50.12	5.28	5.18	0.27

Table 1.4 (continued).

Sample no.	Depth (mbsf)	>63 μm (%)	Bulk $CaCO_3$ (%)	TOC (%)
6H-5- 59	50.29	5.10		
6H-5- 78	50.48	7.08	4.82	0.63
6H-5-101	50.71	12.48		
6H-5-122	50.90	27.91	0.28	0.74
6H-5-142	51.12	4.31		
6H-6- 22	52.42	15.90	0.83	0.71
6H-6- 42	52.62	16.15		
6H-6- 59	52.79	6.03	11.44	0.50
6H-6- 78	52.98	9.60		
6H-6-101	53.21	3.83	17.17	0.25
7H-1- 22	54.42	15.11	1.19	0.68
7H-1- 42	54.62	12.43		
7H-1- 64	54.85	11.30	0.39	0.31
7H-1- 83	55.03	7.94		
7H-2- 22	55.42	12.76	7.58	1.12
7H-2- 42	56.13	18.24		
7H-2- 63	56.33	2.78	11.19	0.93
7H-2- 83	56.53	20.54	10.90	
7H-3- 22	57.42	3.72	13.38	1.04
7H-3- 42	57.62	1.91		
7H-3- 64	57.85	25.73	0.89	0.51
7H-3- 83	58.03	2.84		
7H-4- 22	58.92	28.16	1.18	0.80
7H-4- 42	59.13	1.82		
7H-4- 65	59.35	2.22	11.97	0.90
7H-4- 86	59.56	8.62		
8H-1- 21	63.91	9.56	7.89	0.63
8H-1- 40	64.11	13.72		
8H-1- 58	64.29	3.61	11.88	0.46
8H-1-102	64.72	7.58		
8H-2- 21	65.41	6.73	12.66	0.54
8H-2- 40	65.60	9.62		
8H-2- 59	65.78	4.13	11.46	0.58
8H-2- 82	66.00	12.06		
8H-2-102	66.22	3.08	11.19	0.50
8H-2-122	66.42	3.05		
8H-2-142	66.62	2.98	9.90	0.52
8H-3- 20	66.90	3.00		
8H-3- 40	67.11	13.98	0.89	0.74
8H-3- 60	67.37	5.80		
8H-3- 82	67.50	5.94	9.76	0.46
8H-3-102	67.72	8.08		
8H-3-122	67.90	7.68	9.39	0.36
8H-3-142	68.10	1.16		
8H-4- 22	68.43	9.84	7.11	0.54
8H-4- 42	68.62	13.66		
8H-5- 22	69.92	4.90	1.45	0.64
8H-5- 42	70.13	11.74		
8H-5- 60	70.30	23.73	0.15	0.73
8H-5- 82	70.52	2.31		
8H-5-122	70.92	6.47	2.73	0.27

Table 1.4 (continued).

Sample no.	Depth (mbsf)	>63 μm (%)	Bulk $CaCO_3$ (%)	TOC (%)
8H-5-142	71.12	6.72		
8H-6- 22	71.42	2.44	7.67	0.69
8H-6- 42	71.62	3.15	1.86	
8H-6- 60	71.80	0.57	5.16	0.57
9H-1- 22	73.43	2.06	11.63	0.54
9H-1- 40	73.60	2.23		
9H-1- 59	73.79	3.95	16.95	0.72
9H-1- 82	74.02	1.53		
9H-1-102	74.22	0.67	7.06	0.65
9H-1-123	74.43	0.37		
9H-1-142	74.62	17.89	2.67	0.29
9H-2- 23	74.93	6.32		
9H-2- 40	75.10	3.92	4.26	0.30
9H-2- 59	75.29	1.94		
9H-2- 82	75.52	2.52	5.99	0.31
9H-2-102	75.72	5.52		
9H-2-123	75.93	5.72	4.98	0.51
9H-2-142	76.12	13.96	1.83	0.39
9H-3- 23	76.43	1.43	7.81	0.81
9H-3- 40	76.60	0.80		
9H-3- 59	76.79	1.49	3.39	0.42
9H-3- 82	77.02	2.31	7.81	
9H-3-102	77.22	1.07	6.08	0.70
9H-3-123	77.43	1.05		
9H-3-142	77.62	22.37	1.04	0.70
9H-4- 23	78.43	4.21		
9H-4- 40	78.60	27.21	1.73	0.63
9H-4- 59	78.79	6.92		
9H-4- 82	79.02	4.61	3.60	0.38
9H-4-102	79.22	5.30	2.51	0.34
9H-4-123	79.43	1.48		
9H-5- 23	79.93	1.03	4.94	0.60
9H-5- 40	80.10	14.57	0.77	0.56
9H-5- 59	80.29	5.05		
9H-5- 82	80.52	5.60	4.41	0.34
9H-5-102	80.72	9.26		
9H-5-123	80.93	2.80	1.09	0.77
10H-2- 22	84.42	1.78	16.04	0.58
10H-2- 41	84.61	0.81	9.46	0.74
10H-2- 57	84.78	2.20		
10H-2-121	85.42	1.75	17.34	0.68
10H-2-142	85.63	0.72		
10H-3- 22	85.92	0.26	10.74	0.62
10H-3- 41	86.11	4.92		
10H-3- 57	86.28	1.03	14.05	0.70
10H-3- 78	86.48	1.93		
10H-3-101	86.71	0.93	12.90	0.54
10H-3-121	86.92	2.52		
10H-3-142	87.12	8.11	0.54	0.28
10H-4- 21	87.42	1.04		
10H-4- 41	87.61	0.93	17.99	0.63

Table 1.4 (continued).

Sample no.	Depth (mbsf)	>63 μm (%)	Bulk $CaCO_3$ (%)	TOC (%)
10H-4- 57	87.78	20.90		
10H-4- 78	87.98	28.55	5.33	0.25
10H-4-101	88.22	27.55		
10H-4-121	88.41	11.32	20.63	0.36
10H-5- 21	88.91	0.81	15.34	0.71
10H-5- 41	89.11	3.22		
10H-5- 57	89.28	1.39	14.82	0.64
10H-5- 78	89.48	9.51		
10H-5-101	89.71	5.11	12.93	0.51
10H-5-121	89.92	3.17	15.15	
10H-6- 21	90.42	14.21	6.24	0.28
10H-6- 41	90.62	5.79	6.55	0.50
11H-1- 22	92.42	3.90	10.68	0.32
11H-1- 42	92.62	3.03		
11H-1- 60	92.80	2.79	11.69	0.29
11H-1- 81	93.01	13.63		
11H-1-100	93.20	0.94	4.49	0.44
11H-1-122	93.40	2.37		
11H-1-142	93.62	5.62	3.43	0.45
11H-2- 22	93.92	5.96		
11H-2- 39	94.09	3.42	9.01	0.59
11H-2- 63	94.33	2.16		
11H-2- 81	94.51	1.22	4.74	0.59
11H-2-100	94.70	1.99		
11H-2-122	94.92	0.99	11.92	0.66
11H-2-142	95.14	1.51		
11H-3- 22	95.42	1.78	11.38	0.53
11H-3- 42	95.62	5.82		
11H-3- 60	95.80	2.91	22.29	0.35
11H-3- 81	96.01	13.87		
11H-3-100	96.20	11.55	2.49	1.06
11H-3-122	96.40	3.94		
11H-3-142	96.62	5.30	20.86	0.36
11H-4- 22	96.92	3.00		
11H-4- 42	97.14	3.15	17.18	0.39
11H-4- 60	97.30	2.57		
11H-4- 81	97.51	1.29	10.66	0.43
11H-4-100	97.70	7.52	4.98	
11H-4-122	97.92	20.32	0.84	0.61
11H-4-142	97.14	4.27		
11H-5- 22	98.42	0.66	5.41	0.50
11H-5- 42	98.62	17.90		
11H-5- 60	98.80	0.69	1.83	0.50
11H-5- 88	99.08	8.38		
11H-5-100	99.30	0.51	0.81	0.45
11H-5-122	99.52	2.28		
11H-6- 22	99.92	1.72	7.50	0.54
11H-6- 42	100.14	0.91		
11H-6- 60	100.30	1.78	13.50	0.72
11H-6- 88	100.58	1.50		
11H-6-100	100.70	1.57	13.28	0.75

Table 1.4 (continued).

Sample no.	Depth (mbsf)	>63 μm (%)	Bulk $CaCO_3$ (%)	TOC (%)
11H-6-122	100.92	1.20		
11H-6-142	101.14	5.73	15.68	0.73
11H-7- 22	101.42	1.16	13.18	0.62
12H-1- 22	101.91	15.99	1.00	0.33
12H-1- 42	102.10	1.46		
12H-1- 62	102.30	4.56	6.76	0.67
12H-1- 82	102.49	1.78		
12H-1-102	102.68	1.07	3.33	0.50
12H-1-122	102.87	2.45		
12H-1-142	103.06	4.07	1.54	0.49
12H-2- 22	103.35	8.08		
12H-2- 42	103.54	0.58	0.75	0.60
12H-2- 62	103.74	2.65		
12H-2- 82	103.93	5.65	0.52	0.56
12H-2-102	104.12	1.92		
12H-2-122	104.31	1.38	13.16	0.71
12H-2-142	104.50	2.05		
12H-3- 22	104.79	6.92	0.44	0.41
12H-3- 42	104.98	1.24		
12H-3- 62	105.18	1.04	0.41	0.47
12H-3- 82	105.37	1.04		
12H-3-102	105.56	0.79	0.16	0.59
12H-3-122	105.75	0.39		
12H-3-142	105.94	4.66	0.23	0.28
12H-4- 22	106.23	3.76		
12H-4- 42	106.42	0.94	6.17	0.51
12H-4- 62	106.62	1.17		
12H-4- 82	106.81	3.01	8.63	0.55
12H-4-102	107.00	5.94	0.00	
12H-5- 22	107.67	16.86	1.96	1.08
12H-5- 42	107.86	6.27		
12H-5- 62	108.06	3.14	3.91	0.75
12H-5- 82	108.25	2.66		
12H-5-102	108.44	2.55	0.07	0.34
12H-5-122	108.63	4.37		
12H-5-142	108.82	7.43	0.41	0.33
12H-6- 22	109.11	4.64		
12H-6- 42	109.30	0.61	0.26	0.51
12H-6- 62	109.50	1.41		
12H-6- 82	109.69	1.50	6.55	0.68
12H-6-102	109.88	3.78		
12H-6-122	110.07	5.18	29.23	0.71
12H-6-142	110.26	1.77		
12H-7- 22	110.55	0.88	3.45	0.80
12H-7- 42	110.74	1.54	9.48	0.79
13H-1- 62	111.81	1.80	7.01	0.70
13H-1- 82	112.00	1.23		
13H-1-102	112.20	0.79	6.22	0.74
13H-1-122	112.40	0.72		
13H-1-145	112.62	2.87	3.76	0.60
13H-2- 21	112.88	10.42		

Table 1.4 (continued).

Sample no.	Depth (mbsf)	>63 μm (%)	Bulk $CaCO_3$ (%)	TOC (%)
13H-2- 42	113.08	5.24	0.34	0.26
13H-2- 62	113.28	4.58		
13H-2- 82	113.47	1.03	0.48	0.58
13H-2-102	113.67	5.88	0.29	
13H-2-122	113.87	1.56	4.44	0.67
13H-3- 21	114.35	3.30	2.34	0.33
13H-3-145	114.58	9.74	5.65	0.64
13H-4- 21	115.82	10.35		
13H-4- 42	116.02	0.75	4.49	0.61
13H-4- 62	116.22	3.87		
13H-4- 82	116.41	3.96	10.21	0.39
13H-4-102	116.61	2.89		
13H-4-122	116.81	15.82	4.91	0.79
13H-5- 21	117.29	4.20		
13H-5- 42	117.49	7.20	3.47	0.66
13H-5- 62	117.69	6.42		
13H-5- 86	117.92	6.61	8.30	0.45
13H-6- 21	118.76	1.22		
13H-6- 42	118.96	1.04	9.29	0.76
13H-6- 62	119.16	0.79		
13H-6- 82	119.35	1.16	5.84	0.65
13H-7- 21	119.56	1.77		
13H-7- 42	119.77	13.74	1.13	0.35
13H-7- 62	119.96	0.67		
13H-7- 82	120.16	1.31	6.10	0.78
13H-7-102	120.35	0.48		
13H-7-122	120.55	0.73	5.45	0.76
13H-C- 21	120.76	0.70	1.36	0.87
14H-2- 82	123.02	6.20	0.63	0.39
14H-2-103	123.23	4.25		
14H-2-123	123.43	2.82	5.79	0.30
14H-2-142	123.62	24.50		
14H-3- 21	123.91	24.52	1.84	0.91
14H-3- 41	124.11	6.98		
14H-3- 62	124.32	2.72	0.83	0.58
14H-3- 82	123.52	3.15		
14H-3-103	124.72	3.07	0.55	0.37
14H-3-123	124.93	3.30	0.00	
14H-4- 21	125.41	0.41	0.42	0.67
14H-4- 41	125.61	2.21		
14H-4- 62	125.82	2.22	0.00	0.69
14H-4- 82	126.02	0.26		
14H-4-103	126.22	1.97	8.44	0.78
14H-4-123	126.30	1.05		
14H-5- 21	126.91	2.82	3.93	0.81
14H-5- 41	127.11	10.04		
14H-5- 62	127.32	21.53	0.00	0.70
14H-5- 82	127.52	8.73		
14H-5-102	127.72	1.37	5.31	0.71
14H-5-123	127.93	1.80		
14H-5-142	128.12	5.05	5.12	0.81

Table 1.4 (continued).

Sample no.	Depth (mbsf)	>63 μm (%)	Bulk $CaCO_3$ (%)	TOC (%)
14H-C- 15	128.35	4.81	6.27	0.67
15H-1- 22	130.42	3.35	154.00	0.56
15H-1- 42	130.62	0.93		
15H-1- 62	130.82	6.57	2.23	0.90
15H-1- 82	131.02	6.39	0.53	
15H-1-102	131.22	6.96	3.07	0.83
15H-1-122	131.42	1.96		
15H-1-142	131.62	1.65	0.00	0.62
15H-2- 22	131.92	1.20		
15H-2- 42	132.12	4.06	0.11	0.43
15H-2- 62	132.32	4.03		
15H-2- 82	132.52	5.65	0.00	0.53
15H-2-102	132.72	3.59		
15H-2-122	132.92	9.75	1.00	0.81
15H-2-142	133.12	1.17	0.00	0.88
15H-3- 42	133.42	1.34	7.38	0.93
15H-3- 62	133.62	1.32		
15H-3- 82	133.82	1.35	4.61	0.77
15H-3-102	134.02	0.99		
15H-3-122	134.22	1.56	1.78	1.09
15H-3-142	134.42	1.74		
15H-4- 22	134.92	1.37	2.08	0.86
15H-4- 42	135.12	1.80		
15H-4- 62	135.32	1.72	0.54	0.65
15H-4- 82	135.52	0.71		
15H-4-102	135.72	1.07	0.27	0.63
15H-4-122	135.92	0.52	0.67	0.57
15H-5- 22	136.42	1.00	5.85	0.86
15H-5- 62	136.62	6.82		
15H-5- 82	136.82	0.99	7.04	0.77
15H-5-102	137.02	0.73		
15H-5-122	137.22	0.75	7.22	0.78
15H-5-142	137.42	1.62		
15H-6- 22	137.92	1.53	7.42	0.73
15H-6- 42	138.12	0.61		
15H-6- 62	138.32	7.44	0.80	0.86
15H-6- 82	138.52	1.71		
15H-7- 22	139.42	2.11	0.18	0.64
15H-7- 42	139.62	0.88		
15H-7- 62	139.82	7.22	0.23	0.50
16H-1- 23	139.93	8.73	8.70	0.75
16H-1-102	140.72	1.18	24.20	0.67
16H-1-120	140.90	1.11	34.68	0.65
16H-1-142	141.12	1.41	23.21	0.52
16H-2- 23	141.43	9.88	19.51	0.55
16H-2-102	142.02	0.78	2.60	0.31
16H-2-120	142.20	2.15	2.17	0.38
16H-2-142	142.42	6.39	6.31	0.39
16H-3- 23	142.93	3.37	0.69	0.61
16H-3-102	143.72	1.11	6.05	0.74
16H-3-120	143.90	1.36		

Table 1.4 (continued).

Sample no.	Depth (mbsf)	>63 μm (%)	Bulk $CaCO_3$ (%)	TOC (%)
16H-3-142	144.12	0.84	5.89	0.85
16H-4- 23	144.43	1.15	1.39	0.83
16H-4-102	145.02	1.45	5.47	0.70
16H-4-120	145.20	1.48	4.42	0.75
16H-5- 23	145.93	0.82	0.94	0.64
16H-5-102	146.72	0.75	10.86	0.86
16H-5-120	146.92	1.29		
16H-5-142	147.12	0.85	14.37	0.87
16H-6- 23	147.43	4.68	1.21	0.32
17H-1- 23	149.42	1.39	0.00	0.84
17H-1- 42	149.62	1.07		
17H-1-122	150.42	1.24	0.17	0.63
17H-1-142	150.62	3.85		
17H-2- 22	150.92	2.05	27.08	0.73
17H-2- 42	151.12	0.97		
17H-2- 62	151.22	4.74	8.49	0.78
17H-3- 22	152.42	0.82	14.06	0.75
17H-3- 42	152.62	1.30		
17H-3- 62	152.82	2.16	5.80	0.77
17H-4- 22	153.92	8.89	0.00	0.79
17H-4- 42	154.12	2.59	1.53	
17H-4-102	154.32	1.09		0.86
17H-4-122	154.52	2.39		
17H-4-142	154.72	1.12	4.50	0.69
17H-5- 22	155.42	1.65	32.11	0.78
17H-5-122	156.42	1.44	7.90	0.78
17H-6- 22	157.42	1.58	0.56	0.69
17H-6- 62	157.62	8.24	0.00	0.69
18H-1- 42	159.12	1.46	0.00	0.58
18H-1- 58	159.30	2.61		
18H-1-102	159.52	1.35	3.22	0.86
18H-1-122	159.72	0.99		
18H-1-142	159.92	0.90	5.13	0.75
18H-2- 42	160.62	1.31	0.45	0.64
18H-2- 58	160.80	15.19		
18H-2-102	161.20	1.40	0.39	0.57
18H-2-122	161.42	3.75		
18H-2-142	161.62	1.93	1.64	0.66
18H-3- 42	162.12	0.42	1.82	0.60
18H-3- 58	162.30	14.05	0.00	
18H-3-102	162.52	10.57	9.03	0.56
18H-3-122	162.72	0.45		
18H-3-142	162.92	3.73	0.00	0.34
18H-4- 42	163.62	2.34	0.80	0.76
18H-4- 58	163.80	3.68		
18H-4-102	164.20	0.46	0.00	0.62
18H-5- 42	165.12	0.50	4.85	0.80
18H-5- 58	165.30	1.61		
18H-5-102	165.52	0.86	2.78	0.37
18H-5-122	165.72	1.09		
18H-5-142	165.92	0.64	9.88	0.63

Table 1.4 (continued).

Sample no.	Depth (mbsf)	>63 μm (%)	Bulk $CaCO_3$ (%)	TOC (%)
18H-6- 42	166.62	0.40	2.37	0.41
18H-6- 58	166.80	1.72	3.88	0.58
18H-7- 42	168.12	13.95	0.47	1.40
18H-7- 58	168.30	0.36	1.21	0.76
19H-2- 22	169.92	1.81	5.30	0.63
19H-2- 82	170.52	10.41		
19H-2-100	170.70	1.51	1.08	0.51
19H-3- 22	171.42	1.35	1.35	0.88
19H-3- 82	172.02	2.29	8.50	
19H-3- 98	172.22	1.50	10.10	0.76
19H-3-120	172.40	0.89		
19H-3-142	172.62	0.86	3.64	0.74
19H-4- 22	172.92	1.37	1.89	0.87
19H-4- 82	173.52	0.70		
19H-4-100	173.70	2.61	2.92	0.69
19H-4-142	174.12	0.37	0.70	0.77
20H-1- 42	178.12	2.80	0.00	0.49
20H-1- 82	178.22	9.48		
20H-1-102	178.42	0.82	13.34	0.81
20H-1-122	178.62	0.40		
20H-1-142	178.82	0.52	5.22	0.71
20H-2- 42	179.60	7.78	0.04	0.52
20H-2- 82	179.80	1.91		
20H-2-102	180.00	1.82	15.40	0.66
20H-2-122	180.20	1.73		
20H-2-142	180.40	1.99	12.70	0.62
20H-3- 42	181.10	0.31	0.00	0.65
20H-3- 82	181.30	0.65	4.30	0.72
20H-3-102	181.50	1.52	5.42	
20H-3-122	181.70	0.45	0.75	0.65
20H-4- 42	182.60	1.76	4.22	0.77
20H-4- 82	182.80	1.29	0.00	0.73
20H-4-102	183.00	0.66		
20H-4-122	183.20	0.38	0.27	0.75
20H-5- 42	184.10	1.41	0.33	0.91
20H-5- 82	184.30	0.68		
20H-5-102	184.40	0.65	0.00	0.50
21H-1- 22	185.01	2.08	0.29	0.77
21H-1- 42	185.20	1.32		
21H-1- 62	185.39	1.30	0.00	0.83
21H-1- 82	185.58	0.55		
21H-1-102	185.77	1.21	0.00	0.92
21H-1-122	185.96	1.58		
21H-1-142	186.15	2.14	0.22	0.95
22H-1- 22	187.01	3.44	0.52	0.85
22H-1- 42	187.20	0.55		
22H-1-102	187.77	0.88	2.96	0.69
22H-1-122	187.96	0.65	0.00	
22H-2- 42	188.62	0.06	1.41	0.65
22H-2- 62	188.81	0.95		
22H-2- 82	189.00	1.41		

Table 1.4 (continued).

Sample no.	Depth (mbsf)	>63 μm (%)	Bulk $CaCO_3$ (%)	TOC (%)
22H-2-102	189.19	6.03	0.21	0.77
22H-3- 22	189.86	1.10	0.00	0.46
22H-3- 42	190.05	2.74		
22H-3- 62	190.24	3.25	0.00	0.53
22H-3-102	190.62	2.41		
22H-3-122	190.81	4.65	0.00	0.48
22H-4- 22	191.28	13.32	0.00	0.34
22H-4- 42	191.47	1.97		
22H-4- 62	191.66	1.15	12.90	0.81
22H-4-102	192.04	0.71	0.00	
22H-4-121	192.22	2.82	0.00	0.68
22H-5- 42	192.90	2.59	0.00	0.75
22H-5- 62	193.09	0.48		
22H-5- 82	193.28	0.49		
22H-5- 98	193.43	4.70	0.00	0.37
23H-1- 39	194.45	1.66	7.83	0.73
23H-2- 42	195.81	0.36	0.99	0.76
23H-2-102	196.34	1.80	0.00	0.70
23H-2-122	196.52	2.02		
23H-2-142	196.70	27.31	1.19	0.98
23H-3- 42	197.14	1.25	0.50	0.91
23H-3-102	197.68	4.26	0.18	0.59
23H-3-122	197.86	4.40		
23H-3-142	198.03	1.37	0.00	0.59
23H-4- 42	198.48	1.86	0.26	0.31
23H-4-102	199.01	0.64	0.00	0.89
23H-4-122	199.19	0.34	0.00	
23H-4-142	199.37	0.31	0.00	0.71
23H-5- 42	199.81	3.58	0.00	0.85
23H-5-102	200.35	0.83	0.22	0.72
23H-5-122	200.53	1.06		
23H-5-142	200.70	4.50	0.00	0.44
24H-1- 20	201.30	0.68	0.00	0.65
24H-1- 65	201.74	19.13	0.00	0.42
24H-1- 82	201.90	1.73		
24H-1-102	202.10	0.38	0.00	0.83
24H-1-122	202.30	0.76	0.19	
24H-1-134	202.41	0.69	0.00	0.75
24H-2- 65	203.21	0.60	1.87	0.72
24H-2-102	203.57	17.53		
24H-2-120	203.75	17.95	2.16	0.83
24H-3- 65	204.68	1.60	0.00	0.74
24H-3- 82	204.84	0.45		
24H-3-102	205.04	0.62	1.56	0.92
24H-3-122	205.27	0.71		
24H-3-142	205.43	0.26	0.15	0.86
24H-4- 20	205.71	0.55	0.35	0.68
25H-1- 22	206.20	3.73	0.19	0.65
25H-1- 42	206.40	1.06		
25H-1- 62	206.60	1.39		
25H-1- 82	206.80	0.46	0.04	0.83

Table 1.4 (continued).

Sample no.	Depth (mbsf)	>63 μm (%)	Bulk $CaCO_3$ (%)	TOC (%)
25H-1-102	207.00	0.47	0.00	
25H-1-122	207.20	0.20	0.00	0.75
25H-2- 22	207.70	0.46	2.93	0.68
25H-2- 42	207.90	1.27		
25H-2- 62	208.12	0.76		
25H-2- 82	208.32	4.04	0.00	0.34
25H-2-102	208.52	0.85		
25H-2-142	209.10	0.44	0.00	0.71
25H-3- 22	209.20	1.30	0.00	0.58
25H-3- 42	209.40	0.71		
25H-3- 62	209.60	1.62	0.00	0.60
26H-1- 22	210.71	1.41	0.02	0.83
26H-1- 42	210.91	1.34		
26H-1- 62	211.10	0.72	0.00	0.66
26H-1- 82	211.30	0.91		
26H-2- 22	212.17	4.51	6.04	0.76
26H-2- 42	212.36	14.04		
26H-2- 62	212.56	0.88	0.41	0.80
26H-2- 82	212.75	3.88		
26H-2-102	212.94	1.20	0.00	0.64
26H-2-122	213.14	0.84	0.26	
26H-2-142	213.33	0.79	0.00	0.64
26H-3- 22	213.62	2.37		0.90
26H-3- 42	213.82	0.77	0.00	0.81
27H-1-102	215.30	1.33	0.20	0.80
27H-1-122	215.50	4.91	0.00	0.63
28H-1-102	217.05	4.93	5.49	0.86
28H-1-122	217.23	0.39	0.00	
28H-1-142	217.42	0.69	0.21	0.61
28H-2-102	218.44	12.07	0.00	0.71
28H-2-122	218.63	0.46		
28H-2-142	218.82	1.34	0.00	0.65
28H-3-102	219.84	8.38	0.51	0.43
29H-1-102	222.10	0.57	0.00	0.80
29H-1-122	222.30	0.78	0.62	
29H-1-142	222.50	0.47	0.00	0.76
29H-2-102	223.60	0.51	0.00	0.68
29H-2-122	223.80	0.81		
29H-2-142	223.90	0.63	0.00	0.62
29H-3-102	225.10	1.83	0.00	0.70
29H-3-122	225.30	2.22	0.00	0.57
30H-1-102	227.12	3.52	0.00	0.68
30H-1-122	227.32	4.27		
30H-1-142	227.51	1.14	0.00	0.73
30H-2-102	228.60	1.16	1.12	0.71
30H-2-122	228.82	1.05		
30H-2-142	229.02	1.78	4.86	0.77
30H-3-102	230.12	0.84	0.00	0.68
30H-3-122	230.32	1.90		
30H-3-142	230.52	3.27	0.00	0.55
30H-4-102	231.60	1.25	0.41	0.56

Table 1.4 (continued).

Sample no.	Depth (mbsf)	>63 μm (%)	Bulk $CaCO_3$ (%)	TOC (%)
30H-4-122	231.82	0.76	0.95	
30H-4-142	232.02	2.59	0.00	0.49
31H-1-102	233.10	10.19	0.00	0.39
31H-1-142	233.32	2.13	0.00	0.68
31H-2-102	234.60	1.51	0.00	0.81
31H-2-142	234.92	1.20	0.00	0.82
31H-3-102	236.12	0.84	0.00	0.66
31H-3-122	236.32	1.24	0.00	0.84
32H-1-102	239.12	2.11	5.76	0.92
32H-2-102	240.62	1.18	3.00	0.87
32H-2-122	240.82	1.36	10.56	
32H-2-142	241.02	1.36	6.20	0.81
32H-3-102	242.12	1.80	7.92	0.81
32H-3-122	242.32	2.08	6.57	
32H-3-142	242.52	2.36	5.70	0.76
32H-4-102	243.60	1.35	11.75	0.72
32H-4-122	243.82	1.13	14.48	0.69
33H-1-102	244.72	3.90	16.27	0.63
33H-1-122	244.92	1.28	17.41	
33H-1-142	245.12	1.66	26.59	0.68
34H-1-102	246.86	2.62	0.00	0.63
34H-1-122	247.02	1.82	2.87	
34H-1-142	247.19	1.24	0.00	0.67
34H-2-102	248.12	0.80	1.68	0.62
34H-2-122	248.28	0.77		
34H-2-142	248.45	1.37	0.00	0.65
34H-4-102	250.64	1.25	0.00	0.75
34H-4-122	250.80	0.80	2.39	0.77
34H-5-102	251.90	1.81	15.48	0.86
34H-5-122	252.06	1.81		
34H-5-142	252.23	1.04	3.64	0.94
34H-6-102	253.16		22.73	1.00
34H-6-142	253.49		16.82	0.95

Table 1.4 (continued).

			Coarse fraction component analysis (wt%)									
Sample no.	Depth mbsf	>63 μm (%)	Benthic foram. (%)	Plankt. foram. (%)	Biogenic opal cf (%)	Quartz (%)	Feldspar (%)	Mica (%)	Hev. min. (%)	Rock fr. (%)	Volc. gl. (%)	Auth. (%)
1H-1- 22	0.22	9.52	0.03	0.32	0.00	8.04	0.50	0.00	0.10	0.47	0.00	0.05
1H-1- 42	0.42	2.74	0.20	0.42	0.03	1.64	0.08	0.02	0.03	0.31	0.01	0.02
1H-1- 59	0.59	8.85	0.10	0.64	0.00	7.05	0.41	0.04	0.01	0.54	0.00	0.04
1H-1- 82	0.82	4.64	0.06	0.75	0.02	3.31	0.21	0.05	0.02	0.16	0.02	0.06
1H-1-102	1.02	7.16	0.21	0.87	0.01	5.38	0.27	0.08	0.07	0.23	0.00	0.01
1H-1-122	1.22	10.94	0.02	0.31	0.00	9.07	0.75	0.00	0.10	0.51	0.06	0.10
1H-1-142	1.42	13.96	0.37	0.54	0.00	11.01	0.95	0.12	0.12	0.73	0.00	0.07
1H-2- 22	1.72	4.35	0.15	0.84	0.01	2.88	0.18	0.01	0.04	0.22	0.00	0.03
1H-2- 59	2.09	20.05	0.12	0.65	0.00	16.35	0.91	0.35	0.21	1.23	0.00	0.18
1H-2- 82	2.30	7.43	0.19	0.69	0.01	5.71	0.41	0.02	0.02	0.31	0.00	0.05
1H-2-102	2.52	13.25	0.38	1.53	0.00	10.63	0.28	0.00	0.07	0.28	0.00	0.07
1H-2-122	2.72	5.47	0.26	1.24	0.00	3.22	0.16	0.05	0.02	0.29	0.01	0.20
1H-2-142	2.90	6.08	0.23	1.47	0.00	3.71	0.12	0.04	0.04	0.37	0.00	0.10
1H-3- 22	3.22	5.36	0.26	0.77	0.01	3.79	0.10	0.01	0.01	0.24	0.00	0.16
1H-3- 42	3.42	4.95	0.33	0.50	0.03	3.37	0.22	0.07	0.05	0.22	0.00	0.13
1H-3- 59	3.59	8.69	0.23	1.33	0.03	5.68	0.55	0.08	0.12	0.61	0.00	0.08
1H-3- 82	3.82	7.31	0.08	1.76	0.00	4.77	0.23	0.00	0.07	0.36	0.00	0.04
1H-3-102	4.02	4.70	0.03	0.13	0.00	3.81	0.36	0.03	0.03	0.27	0.00	0.03
1H-3-122	4.22	2.19	0.04	0.23	0.00	1.57	0.12	0.03	0.02	0.11	0.00	0.06
1H-3-142	4.42	6.08	0.30	0.95	0.00	4.36	0.05	0.02	0.34	0.00	0.00	0.06
1H-4- 22	4.72	3.02	0.06	0.93	0.00	1.77	0.08	0.02	0.02	0.12	0.02	0.00
1H-4- 42	4.92	4.52	0.08	0.62	0.00	3.29	0.30	0.00	0.04	0.15	0.01	0.04
1H-4- 59	5.09	3.79	0.07	0.88	0.00	2.32	0.28	0.04	0.01	0.16	0.00	0.01
1H-4- 82	5.30	3.98	0.14	1.00	0.00	2.56	0.09	0.03	0.00	0.14	0.00	0.02
1H-4-102	5.52	7.11	0.10	1.56	0.00	4.79	0.08	0.08	0.03	0.42	0.03	0.03
1H-4-122	5.72	4.81	0.10	1.18	0.00	3.19	0.07	0.12	0.03	0.09	0.00	0.03
1H-5- 22	6.22	4.84	0.03	1.32	0.00	3.24	0.03	0.04	0.03	0.14	0.00	0.02
1H-5- 42	6.42	4.98	0.05	1.47	0.00	3.21	0.08	0.02	0.04	0.11	0.00	0.01
1H-5- 59	6.59	6.99	0.08	1.56	0.01	4.59	0.24	0.13	0.03	0.32	0.00	0.03
1H-5- 82	6.82	1.07	0.03	0.62	0.00	0.36	0.02	0.02	0.00	0.02	0.00	0.00
1H-5-102	7.02	3.27	0.03	0.41	0.00	2.52	0.15	0.08	0.01	0.06	0.00	0.00
1H-5-122	7.22	3.20	0.13	0.44	0.00	2.27	0.04	0.01	0.08	0.23	0.00	0.01
1H-5-142	7.42	4.54	0.12	1.91	0.00	2.30	0.08	0.02	0.01	0.10	0.00	0.00
1H-6- 22	7.72	5.22	0.11	1.39	0.00	3.41	0.08	0.16	0.00	0.07	0.00	0.01
1H-6- 42	7.92	2.50	0.07	0.72	0.00	1.57	0.05	0.03	0.01	0.05	0.00	0.00
1H-6- 59	8.04	6.42	0.15	1.19	0.00	4.66	0.18	0.09	0.05	0.06	0.00	0.02
1H-6- 82	8.30	1.76	0.15	0.64	0.00	0.87	0.04	0.02	0.00	0.04	0.00	0.00
1H-6-102	8.52	4.06	0.20	1.05	0.01	2.62	0.07	0.05	0.02	0.03	0.00	0.01
1H-6-122	8.72	2.71	0.02	0.54	0.00	1.72	0.17	0.01	0.02	0.22	0.00	0.00
1H-6-142	8.90	5.85	0.11	2.39	0.04	2.90	0.18	0.04	0.01	0.16	0.00	0.01
2H-1- 22	9.42	3.81	0.12	1.66	0.00	1.50	0.06	0.04	0.04	0.36	0.00	0.02
2H-1- 42	9.62	2.83	0.07	1.00	0.00	1.52	0.05	0.03	0.02	0.14	0.00	0.00
2H-1- 62	9.82	15.28	0.00	0.08	0.00	12.57	0.69	0.19	0.25	1.27	0.00	0.22
2H-1- 82	10.02	6.64	0.09	2.12	0.01	4.07	0.11	0.05	0.06	0.09	0.00	0.05
2H-1-104	10.24	9.85	0.26	3.75	0.15	4.74	0.16	0.09	0.11	0.46	0.00	0.04
2H-1-122	10.42	8.93	0.12	5.55	0.00	2.85	0.14	0.00	0.02	0.23	0.00	0.00
2H-1-142	10.62	12.26	0.31	10.58	0.00	1.25	0.02	0.05	0.00	0.05	0.00	0.00
2H-2- 22	10.92	14.23	0.36	13.46	0.03	0.33	0.00	0.03	0.00	0.03	0.00	0.00
2H-2- 62	11.32	7.42	0.17	3.20	0.00	3.40	0.25	0.02	0.12	0.26	0.00	0.00
2H-2- 82	11.52	10.75	0.12	3.81	0.00	6.45	0.04	0.02	0.04	0.23	0.00	0.04

Table 1.4 (continued).

			Coarse fraction component analysis (wt%)									
Sample no.	Depth mbsf	>63 μm (%)	Benthic foram. (%)	Plankt. foram. (%)	Biogenic opal cf (%)	Quartz (%)	Feldspar (%)	Mica (%)	Hev. min. (%)	Rock fr. (%)	Volc. gl. (%)	Auth. (%)
2H-2-104	11.74	7.59	0.25	7.12	0.01	0.18	0.00	0.00	0.03	0.00	0.00	0.00
2H-2-122	11.90	16.80	0.25	10.88	0.03	5.23	0.16	0.09	0.06	0.03	0.00	0.06
2H-2-142	12.12	3.22	0.06	2.74	0.00	0.32	0.01	0.09	0.00	0.00	0.00	0.00
2H-3- 22	12.42	6.07	0.24	5.32	0.02	0.40	0.00	0.00	0.00	0.09	0.00	0.00
2H-3- 42	12.62	4.39	0.24	3.85	0.04	0.17	0.00	0.04	0.01	0.03	0.00	0.01
2H-3- 62	12.82	2.40	0.09	1.15	0.03	1.02	0.00	0.04	0.00	0.07	0.00	0.00
2H-3- 82	13.02	24.19	0.04	2.69	0.04	17.42	1.30	1.78	0.26	0.48	0.00	0.17
2H-3-104	13.22	23.68	0.04	0.73	0.00	18.80	1.51	1.30	0.35	0.86	0.00	0.09
2H-3-122	13.42	17.31	0.09	0.50	0.00	13.38	1.46	1.18	0.12	0.50	0.00	0.09
2H-4- 22	13.92	14.82	0.00	0.39	0.00	11.78	0.79	1.38	0.14	0.20	0.00	0.14
2H-4- 42	14.12	6.39	0.10	0.97	0.00	4.29	0.28	0.37	0.06	0.18	0.00	0.14
2H-4- 62	14.32	4.61	0.07	0.84	0.00	3.29	0.04	0.20	0.04	0.08	0.00	0.06
2H-4- 82	14.52	8.53	0.26	0.73	0.00	6.92	0.10	0.28	0.05	0.16	0.00	0.03
2H-4-104	14.74	24.75	0.00	0.00	0.00	21.93	0.35	0.10	0.40	1.88	0.00	0.10
2H-4-122	14.90	12.07	0.07	2.83	0.00	6.29	0.13	2.04	0.18	0.48	0.00	0.07
2H-4-142	15.12	10.56	0.16	1.17	0.00	8.33	0.11	0.60	0.04	0.13	0.00	0.02
2H-5- 22	15.42	9.08	0.03	1.21	0.00	5.60	0.03	1.61	0.10	0.36	0.00	0.12
2H-5- 42	15.62	9.88	0.24	0.90	0.00	7.48	0.10	0.27	0.07	0.75	0.00	0.07
2H-5- 62	15.82	9.98	0.14	2.09	0.02	6.38	0.23	0.66	0.08	0.33	0.00	0.06
3H-1- 22	16.42	6.22	0.29	1.58	0.01	3.51	0.08	0.26	0.06	0.37	0.00	0.05
3H-1- 42	16.62	4.78	0.07	1.24	0.00	2.96	0.08	0.17	0.02	0.22	0.00	0.02
3H-1- 62	16.82	3.93	0.17	1.78	0.00	1.50	0.04	0.19	0.05	0.20	0.00	0.01
3H-1- 82	17.02	14.30	0.03	1.07	0.00	11.10	0.21	0.32	0.05	1.17	0.00	0.35
3H-1-102	17.22	6.05	0.36	1.90	0.00	3.40	0.07	0.09	0.04	0.18	0.00	0.01
3H-1-122	17.40	9.58	0.18	4.48	0.00	4.00	0.10	0.55	0.06	0.16	0.00	0.05
3H-1-142	17.60	14.27	0.16	0.83	0.00	12.52	0.16	0.08	0.08	0.39	0.00	0.05
3H-2- 22	17.92	11.90	0.14	0.87	0.02	9.46	0.23	0.48	0.07	0.53	0.00	0.11
3H-2- 42	18.12	12.51	0.14	1.15	0.02	9.82	0.21	0.50	0.23	0.34	0.00	0.09
3H-2- 62	18.32	11.21	0.02	2.08	0.06	7.76	0.28	0.68	0.02	0.21	0.00	0.09
3H-2- 82	18.52	7.70	0.01	1.50	0.03	5.39	0.10	0.15	0.04	0.46	0.00	0.00
3H-2-102	18.72	4.06	0.19	1.56	0.00	2.18	0.03	0.03	0.00	0.04	0.00	0.02
3H-2-122	18.90	0.63	0.02	0.51	0.00	0.06	0.00	0.00	0.00	0.02	0.00	0.00
3H-2-142	19.12	2.21	0.06	0.29	0.00	1.54	0.07	0.07	0.03	0.13	0.00	0.02
3H-3- 22	19.42	6.52	0.04	1.47	0.00	4.61	0.15	0.05	0.01	0.19	0.00	0.00
3H-3- 42	19.62	1.96	0.02	1.20	0.00	0.52	0.00	0.05	0.00	0.10	0.00	0.06
3H-3- 62	19.82	3.76	0.05	2.27	0.01	1.11	0.04	0.07	0.01	0.13	0.00	0.07
3H-3- 82	20.02	3.23	0.10	2.69	0.02	0.28	0.00	0.04	0.00	0.08	0.00	0.01
3H-3-102	20.20	6.19	0.09	3.49	0.00	1.89	0.04	0.42	0.07	0.18	0.00	0.01
3H-4- 22	20.42	8.02	0.01	0.53	0.00	4.94	0.19	0.15	0.07	2.03	0.00	0.09
3H-4- 42	21.12	3.57	0.04	1.41	0.00	1.81	0.05	0.02	0.01	0.17	0.00	0.00
3H-4- 62	21.32	4.91	0.09	1.17	0.00	3.07	0.07	0.11	0.10	0.25	0.00	0.06
3H-4- 82	21.52	3.20	0.04	0.68	0.00	2.15	0.06	0.06	0.03	0.16	0.00	0.02
3H-4-102	21.72	5.07	0.10	1.48	0.00	3.29	0.08	0.03	0.06	0.00	0.00	0.01
3H-4-122	21.90	3.71	0.07	2.25	0.01	1.23	0.01	0.05	0.01	0.09	0.00	0.00
3H-5- 22	22.43	5.14	0.20	4.17	0.03	0.57	0.01	0.08	0.00	0.08	0.00	0.00
3H-5- 42	22.62	2.64	0.01	0.96	0.00	1.09	0.01	0.01	0.01	0.50	0.00	0.00
3H-5- 62	22.82	10.33	0.02	0.06	0.06	8.52	0.26	1.08	0.04	0.24	0.00	0.04
3H-5- 82	23.02	10.21	0.29	2.02	0.00	6.86	0.13	0.48	0.02	0.39	0.00	0.02
3H-5-102	23.22	2.81	0.00	0.27	0.00	2.18	0.06	0.10	0.02	0.15	0.00	0.02
3H-5-122	23.40	0.62	0.00	0.03	0.00	0.51	0.01	0.02	0.01	0.03	0.00	0.00

Table 1.4 (continued).

			Coarse fraction component analysis (wt%)									
Sample no.	Depth mbsf	>63 μm (%)	Benthic foram. (%)	Plankt. foram. (%)	Biogenic opal cf (%)	Quartz (%)	Feldspar (%)	Mica (%)	Hev. min. (%)	Rock fr. (%)	Volc. gl. (%)	Auth. (%)
3H-5-142	23.60	2.75	0.05	0.78	0.04	1.53	0.00	0.14	0.00	0.03	0.00	0.16
3H-6- 22	23.99	14.07	0.05	0.05	0.00	11.97	0.23	0.43	0.05	1.24	0.00	0.05
3H-7- 22	25.42	6.02	0.42	2.19	0.01	2.91	0.09	0.05	0.03	0.27	0.00	0.03
4H-1- 22	25.92	9.98	0.20	0.57	0.00	7.97	0.27	0.15	0.07	0.66	0.00	0.08
4H-1- 42	26.12	5.60	0.24	1.00	0.00	4.08	0.00	0.24	0.00	0.02	0.00	0.02
4H-1- 62	26.32	4.83	0.29	1.40	0.00	2.43	0.07	0.02	0.00	0.40	0.00	0.21
4H-1- 82	26.52	5.45	0.59	2.48	0.00	2.07	0.05	0.16	0.02	0.08	0.00	0.01
4H-1-102	26.72	0.99	0.18	0.50	0.00	0.24	0.00	0.03	0.00	0.01	0.00	0.02
4H-1-122	26.90	1.06	0.06	0.25	0.00	0.59	0.02	0.02	0.01	0.07	0.00	0.05
4H-1-142	27.12	3.42	0.19	0.87	0.00	1.91	0.05	0.00	0.00	0.32	0.04	0.02
4H-2- 22	27.42	7.60	0.05	2.40	0.06	4.33	0.22	0.14	0.02	0.36	0.00	0.00
4H-2- 42	27.62	5.40	0.01	1.07	0.00	3.64	0.20	0.09	0.05	0.30	0.00	0.04
4H-2- 62	27.82	7.87	0.00	0.27	0.00	6.20	0.27	0.17	0.03	0.87	0.00	0.02
4H-2- 82	28.02	5.15	0.22	3.98	0.00	0.76	0.02	0.04	0.00	0.12	0.00	0.00
4H-2-102	28.22	6.63	0.11	2.30	0.00	3.64	0.11	0.22	0.01	0.24	0.00	0.00
4H-2-122	28.40	10.33	0.21	5.89	0.00	3.46	0.13	0.13	0.04	0.42	0.00	0.02
4H-2-142	28.60	4.45	0.16	0.27	0.00	3.42	0.10	0.03	0.02	0.40	0.00	0.05
4H-3- 22	28.92	2.05	0.00	0.00	0.00	1.78	0.06	0.02	0.00	0.15	0.00	0.04
4H-3- 42	29.12	3.99	0.00	0.00	0.00	3.22	0.12	0.06	0.02	0.21	0.00	0.36
4H-3- 62	29.32	12.42	0.00	0.00	0.02	10.02	0.17	1.47	0.05	0.32	0.00	0.37
4H-3- 82	29.52	7.23	0.26	0.51	0.00	5.56	0.06	0.58	0.11	0.07	0.00	0.08
4H-3-102	29.72	15.40	0.21	0.70	0.03	13.27	0.12	0.67	0.09	0.18	0.00	0.12
4H-3-122	29.90	16.10	0.00	0.00	0.00	13.40	0.09	1.00	0.33	0.49	0.00	0.79
4H-3-142	30.12	2.25	0.16	0.14	0.00	1.82	0.00	0.02	0.02	0.08	0.00	0.01
4H-4- 22	30.42	3.32	0.29	0.44	0.00	1.76	0.02	0.02	0.03	0.37	0.00	0.38
4H-4- 42	30.62	5.25	0.12	0.37	0.00	4.37	0.00	0.05	0.02	0.17	0.00	0.15
4H-4- 62	30.82	2.38	0.28	0.21	0.00	1.46	0.06	0.02	0.01	0.14	0.00	0.18
4H-4- 82	31.02	1.96	0.72	0.31	0.00	0.51	0.01	0.01	0.00	0.11	0.00	0.28
4H-4-102	31.22	25.51	1.14	3.48	0.00	16.60	0.38	0.13	0.25	2.05	0.00	1.23
4H-4-122	31.40	5.27	0.01	0.03	0.00	4.02	0.28	0.01	0.04	0.75	0.01	0.12
4H-4-142	31.60	5.97	0.11	0.82	0.00	3.88	0.12	0.13	0.03	0.45	0.00	0.42
4H-5- 22	31.92	4.03	0.30	0.62	0.00	2.50	0.01	0.06	0.03	0.41	0.00	0.10
4H-5- 42	32.12	2.64	0.24	1.11	0.00	1.23	0.00	0.00	0.00	0.04	0.00	0.01
4H-5- 62	32.32	8.66	1.25	2.20	0.08	2.88	0.03	0.06	0.03	1.63	0.00	0.49
4H-5- 82	32.52	13.06	0.17	0.62	0.05	11.75	0.00	0.10	0.07	0.05	0.00	0.15
4H-5-102	32.72	12.60	0.02	0.02	0.00	11.28	0.22	0.00	0.22	0.73	0.00	0.10
4H-5-122	32.92	6.59	0.03	0.24	0.00	6.07	0.00	0.04	0.04	0.14	0.00	0.04
4H-5-142	33.12	5.93	0.01	0.01	0.00	5.34	0.07	0.19	0.09	0.21	0.00	0.01
5H-1- 22	35.42	4.25	0.17	1.20	0.00	2.34	0.02	0.19	0.02	0.31	0.00	0.01
5H-1- 42	35.62	3.94	0.08	1.97	0.00	1.71	0.00	0.05	0.01	0.12	0.00	0.00
5H-1- 62	35.82	13.77	0.05	0.21	0.00	12.46	0.18	0.34	0.26	0.21	0.00	0.05
5H-1- 82	36.02	4.50	0.01	0.06	0.00	4.17	0.00	0.12	0.01	0.10	0.00	0.03
5H-1-102	36.22	14.13	0.00	0.00	0.00	11.36	0.17	0.19	0.17	0.64	0.00	1.50
5H-1-122	36.40	15.93	0.00	0.03	0.00	14.92	0.00	0.00	0.00	0.12	0.03	0.74
5H-1-141	36.60	20.53	0.00	0.00	0.00	17.65	0.12	1.30	0.16	0.63	0.00	0.59
5H-2- 22	36.92	15.98	0.00	0.00	0.00	13.00	0.16	0.42	0.10	0.78	0.03	1.49
5H-2- 42	37.12	15.66	0.00	0.00	0.00	14.29	0.00	0.00	0.00	0.06	0.03	1.11
5H-2- 62	37.32	1.45	0.08	0.22	0.00	1.07	0.00	0.05	0.00	0.02	0.00	0.02
5H-2- 82	37.52	6.02	0.08	0.00	0.08	5.03	0.01	0.00	0.00	0.03	0.00	0.75
5H-2-102	37.72	14.28	0.00	0.22	0.00	12.41	0.16	0.30	0.14	0.78	0.00	0.16

Table 1.4 (continued).

			Coarse fraction component analysis (wt%)									
Sample no.	Depth mbsf	>63 μm (%)	Benthic foram. (%)	Plankt. foram. (%)	Biogenic opal cf (%)	Quartz (%)	Feldspar (%)	Mica (%)	Hev. min. (%)	Rock fr. (%)	Volc. gl. (%)	Auth. (%)
5H-2-137	38.07	8.79	0.05	0.29	0.02	6.97	0.10	0.08	0.05	0.66	0.00	0.54
5H-3- 22	38.42	14.16	0.02	0.71	0.00	10.17	0.20	0.33	0.07	1.09	0.00	1.52
5H-3- 42	38.62	7.96	0.00	0.59	0.00	6.66	0.00	0.06	0.00	0.12	0.01	0.50
5H-3- 62	38.82	3.97	0.04	0.45	0.00	2.14	0.04	0.02	0.04	0.39	0.00	0.84
5H-3- 82	39.02	11.81	0.02	0.07	0.00	10.08	0.00	0.17	0.00	0.02	0.02	1.43
5H-3-102	39.22	3.01	0.07	0.26	0.01	2.09	0.01	0.07	0.02	0.26	0.00	0.21
5H-3-122	39.40	4.21	0.04	0.15	0.00	3.47	0.00	0.02	0.00	0.17	0.00	0.36
5H-3-137	39.60	3.26	0.03	0.32	0.00	2.00	0.05	0.04	0.03	0.27	0.00	0.53
5H-4- 22	39.92	2.26	0.04	0.15	0.00	1.66	0.01	0.04	0.01	0.12	0.00	0.22
5H-4- 42	40.12	2.50	0.03	0.18	0.00	1.31	0.00	0.00	0.00	0.90	0.01	0.07
5H-4- 62	40.32	6.28	0.07	0.20	0.00	3.93	0.23	0.17	0.02	0.87	0.00	0.78
5H-4- 82	40.52	1.56	0.10	0.10	0.01	0.98	0.00	0.01	0.00	0.27	0.00	0.10
5H-4-102	40.72	3.42	0.01	0.03	0.00	0.55	0.01	0.01	0.01	0.15	0.00	2.63
5H-4-122	40.90	5.94	0.09	0.32	0.00	5.04	0.00	0.01	0.00	0.22	0.00	0.26
5H-4-137	41.07	9.71	0.13	0.32	0.00	7.19	0.06	0.17	0.02	0.64	0.08	1.11
5H-5- 22	41.42	9.77	0.00	0.28	0.00	7.88	0.09	0.30	0.04	0.72	0.07	0.39
5H-5- 42	41.62	7.00	0.08	0.29	0.00	5.89	0.00	0.10	0.00	0.05	0.00	0.59
5H-5- 62	41.82	6.05	0.00	0.28	0.00	4.78	0.05	0.16	0.08	0.50	0.00	0.19
5H-5- 82	42.02	23.15	0.05	0.00	0.00	22.47	0.00	0.00	0.09	0.05	0.00	0.50
5H-5-102	42.22	9.93	0.00	0.00	0.00	8.91	0.12	0.16	0.06	0.60	0.00	0.08
5H-5-122	42.40	5.19	0.01	0.01	0.00	4.80	0.00	0.03	0.00	0.04	0.02	0.29
5H-5-141	42.64	26.09	0.00	0.05	0.00	23.76	0.41	0.62	0.10	1.04	0.00	0.10
6H-1- 22	44.92	6.18	0.14	1.51	0.00	3.63	0.05	0.36	0.00	0.31	0.00	0.16
6H-1- 59	45.29	6.10	0.05	0.48	0.00	5.47	0.00	0.02	0.00	0.05	0.00	0.04
6H-1- 78	45.48	31.58	0.00	0.00	0.00	28.83	0.12	0.29	0.53	1.11	0.00	0.70
6H-1-101	45.71	36.15	0.00	0.00	0.00	34.38	0.00	0.00	0.00	0.78	0.07	0.92
6H-1-122	45.90	32.86	0.00	0.00	0.00	29.48	1.40	0.25	0.13	1.46	0.00	0.13
6H-1-142	46.12	6.19	0.03	0.28	0.00	5.08	0.00	0.02	0.00	0.06	0.00	0.72
6H-2- 22	46.42	2.82	0.26	1.16	0.00	1.22	0.01	0.11	0.00	0.05	0.00	0.01
6H-2- 59	46.79	12.36	0.00	0.02	0.00	11.70	0.00	0.12	0.00	0.05	0.00	0.46
6H-2- 78	46.92	11.12	0.04	0.64	0.00	9.77	0.09	0.17	0.06	0.30	0.00	0.04
6H-2-102	47.21	2.71	0.28	0.93	0.00	1.33	0.00	0.01	0.00	0.00	0.00	0.16
6H-2-122	47.48	1.87	0.10	1.07	0.00	0.49	0.01	0.02	0.00	0.11	0.00	0.06
6H-2-142	47.62	9.78	0.30	4.39	0.00	4.82	0.00	0.00	0.04	0.00	0.00	0.23
6H-3- 22	47.92	2.21	0.02	0.79	0.00	1.20	0.01	0.06	0.01	0.12	0.00	0.00
6H-3- 59	48.29	6.62	0.05	0.65	0.00	5.69	0.01	0.05	0.00	0.00	0.00	0.17
6H-3- 78	48.48	5.89	0.17	2.81	0.00	2.73	0.06	0.04	0.01	0.04	0.00	0.02
6H-3-101	48.71	35.08	0.00	0.00	0.00	32.88	0.71	0.71	0.35	0.43	0.00	0.00
6H-3-122	48.90	2.89	0.02	1.07	0.02	1.61	0.02	0.09	0.01	0.03	0.00	0.01
6H-3-142	49.12	3.46	0.05	0.52	0.00	2.80	0.01	0.01	0.00	0.00	0.00	0.08
6H-4- 22	49.42	7.85	0.28	4.68	0.00	2.71	0.03	0.03	0.03	0.03	0.00	0.00
6H-4- 42	49.62	5.01	0.13	4.37	0.00	0.42	0.00	0.04	0.00	0.00	0.00	0.05
6H-4- 59	49.79	2.54	0.05	1.54	0.02	0.83	0.01	0.00	0.01	0.02	0.00	0.03
6H-4- 78	49.98	6.84	0.38	6.32	0.02	0.06	0.00	0.00	0.00	0.00	0.00	0.01
6H-4-101	50.21	4.46	0.36	3.64	0.00	0.37	0.00	0.07	0.00	0.00	0.00	0.01
6H-4-117	50.37	4.67	0.14	4.39	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.01
6H-5- 22	50.92	5.28	0.16	0.78	0.00	4.14	0.01	0.07	0.01	0.09	0.00	0.03
6H-5- 59	51.29	5.10	0.16	1.31	0.01	3.48	0.00	0.00	0.00	0.00	0.00	0.15
6H-5- 78	51.48	7.08	0.29	0.47	0.00	5.89	0.02	0.15	0.02	0.10	0.00	0.12
6H-5-101	51.71	12.48	1.01	2.35	0.00	8.79	0.00	0.00	0.00	0.00	0.00	0.33

Table 1.4 (continued).

			Coarse fraction component analysis (wt%)									
Sample no.	Depth mbsf	>63 μm (%)	Benthic foram. (%)	Plankt. foram. (%)	Biogenic opal cf (%)	Quartz (%)	Feldspar (%)	Mica (%)	Hev. min. (%)	Rock fr. (%)	Volc. gl. (%)	Auth. (%)
6H-5-122	51.90	27.91	0.05	0.27	0.00	25.25	0.16	0.27	0.32	0.32	0.00	1.28
6H-5-142	52.12	4.31	0.51	1.22	0.01	2.42	0.00	0.00	0.00	0.00	0.00	0.16
6H-6- 22	52.42	15.98	0.00	0.08	0.00	14.66	0.16	0.30	0.16	0.16	0.00	0.38
6H-6- 42	52.62	16.15	0.09	0.06	0.00	15.28	0.00	0.00	0.06	0.03	0.00	0.62
6H-6- 59	52.79	6.03	0.70	4.00	0.00	1.17	0.00	0.06	0.00	0.05	0.00	0.02
6H-6- 78	52.98	9.60	0.36	7.27	0.00	1.93	0.00	0.00	0.00	0.00	0.00	0.04
6H-6-101	53.21	3.83	0.23	2.79	0.00	0.64	0.00	0.03	0.01	0.01	0.00	0.06
7H-1- 22	54.42	15.11	0.11	1.99	0.00	11.26	0.05	1.20	0.00	0.27	0.00	0.19
7H-1- 42	54.62	12.43	0.05	0.07	0.00	12.01	0.00	0.00	0.00	0.00	0.00	0.29
7H-1- 64	54.85	11.30	0.00	0.08	0.00	9.44	0.06	1.54	0.02	0.13	0.00	0.02
7H-1- 83	55.03	7.94	0.00	0.15	0.00	7.60	0.00	0.00	0.00	0.00	0.00	0.18
7H-2- 22	55.42	12.76	0.05	0.12	0.02	10.16	0.05	0.71	0.14	0.12	0.00	1.38
7H-2- 42	56.13	18.24	0.00	0.00	0.00	17.71	0.00	0.00	0.00	0.11	0.00	0.36
7H-2- 63	56.33	2.78	0.27	0.63	0.00	1.58	0.00	0.17	0.02	0.04	0.00	0.08
7H-2- 83	56.53	20.54	0.00	0.00	0.00	19.80	0.00	0.00	0.00	0.04	0.00	0.51
7H-3- 22	57.42	3.72	0.12	0.84	0.00	2.40	0.00	0.15	0.00	0.05	0.00	0.16
7H-3- 42	57.62	1.91	0.23	0.67	0.00	0.74	0.00	0.01	0.00	0.00	0.00	0.26
7H-3- 64	57.85	25.73	0.00	0.00	0.05	23.83	0.15	0.78	0.20	0.10	0.00	0.63
7H-3- 83	58.03	2.48	0.19	0.42	0.00	1.54	0.00	0.04	0.00	0.00	0.00	0.28
7H-4- 22	58.92	28.16	0.00	0.00	0.00	26.65	0.06	0.95	0.11	0.34	0.00	0.06
7H-4- 42	59.13	1.82	0.31	0.77	0.00	0.63	0.00	0.00	0.00	0.00	0.00	0.10
7H-4- 65	59.35	2.22	0.09	0.42	0.00	1.56	0.00	0.03	0.02	0.02	0.00	0.06
7H-4- 86	59.56	8.62	1.00	1.40	0.02	5.83	0.00	0.00	0.00	0.00	0.00	0.37
8H-1- 21	63.91	9.56	0.34	2.06	0.00	6.59	0.00	0.10	0.03	0.15	0.00	0.22
8H-1- 40	64.11	13.72	0.16	0.47	0.00	12.78	0.00	0.03	0.00	0.00	0.00	0.29
8H-1- 58	64.29	3.61	0.48	2.27	0.00	0.78	0.00	0.03	0.01	0.01	0.00	0.00
8H-1-102	64.72	7.58	0.07	0.28	0.00	7.10	0.00	0.00	0.00	0.00	0.00	0.13
8H-2- 21	65.41	6.73	0.40	0.85	0.00	4.88	0.01	0.50	0.02	0.06	0.00	0.01
8H-2- 40	65.60	9.62	0.34	3.09	0.00	5.99	0.00	0.02	0.00	0.03	0.00	0.12
8H-2- 59	65.78	4.13	0.56	3.13	0.00	0.19	0.00	0.26	0.00	0.00	0.00	0.00
8H-2- 82	66.00	12.06	0.18	0.67	0.00	10.90	0.00	0.00	0.00	0.00	0.00	0.31
8H-2-102	66.22	3.08	0.17	1.27	0.00	1.60	0.00	0.00	0.02	0.01	0.00	0.01
8H-2-122	66.42	3.05	0.31	1.37	0.00	1.23	0.00	0.01	0.00	0.00	0.00	0.09
8H-2-142	66.62	2.98	0.13	1.23	0.00	1.60	0.01	0.01	0.01	0.00	0.00	0.01
8H-3- 20	66.90	3.00	0.23	1.22	0.00	1.47	0.00	0.01	0.00	0.01	0.00	0.05
8H-3- 40	67.11	13.98	0.05	0.62	0.00	12.02	0.05	0.75	0.03	0.11	0.00	0.32
8H-3- 60	67.37	5.80	0.68	2.99	0.00	1.99	0.00	0.00	0.00	0.00	0.00	0.13
8H-3- 82	67.58	5.94	0.45	2.12	0.00	3.19	0.01	0.11	0.00	0.03	0.01	0.01
8H-3-102	67.72	8.08	0.24	1.75	0.00	4.93	0.06	0.16	0.06	0.72	0.00	0.13
8H-3-122	67.90	7.68	0.42	1.58	0.00	4.60	0.00	0.39	0.04	0.58	0.00	0.07
8H-3-142	68.10	1.16	0.08	0.95	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.01
8H-4- 22	68.43	9.84	0.23	0.75	0.00	8.14	0.06	0.04	0.02	0.50	0.00	0.11
8H-4- 42	68.62	13.66	0.13	0.65	0.00	12.52	0.00	0.05	0.03	0.00	0.00	0.26
8H-5- 22	69.92	4.90	0.10	0.16	0.00	4.21	0.03	0.02	0.03	0.26	0.00	0.09
8H-5- 42	70.13	11.47	0.11	0.82	0.00	10.23	0.00	0.04	0.00	0.00	0.00	0.24
8H-5- 60	70.30	23.73	0.00	0.04	0.00	20.99	0.13	0.09	0.18	1.84	0.00	0.45
8H-5- 82	70.52	2.31	0.03	0.01	0.00	2.03	0.00	0.01	0.00	0.00	0.00	0.22
8H-5-102	70.72	4.90	0.43	1.68	0.00	2.62	0.00	0.02	0.01	0.00	0.00	0.15
8H-5-122	70.92	6.47	0.06	0.09	0.01	5.59	0.12	0.06	0.03	0.45	0.00	0.04
8H-5-142	71.12	6.72	0.13	0.74	0.00	5.67	0.00	0.03	0.00	0.00	0.00	0.16

Table 1.4 (continued).

			Coarse fraction component analysis (wt%)									
Sample no.	Depth mbsf	>63 μm (%)	Benthic foram. (%)	Plankt. foram. (%)	Biogenic opal cf (%)	Quartz (%)	Feldspar (%)	Mica (%)	Hev. min. (%)	Rock fr. (%)	Volc. gl. (%)	Auth. (%)
8H-6- 22	71.42	2.44	0.29	0.71	0.00	1.17	0.01	0.02	0.04	0.17	0.00	0.03
8H-6- 42	71.62	3.15	0.15	0.48	0.00	2.41	0.01	0.01	0.00	0.00	0.00	0.09
8H-6- 60	71.80	0.57	0.08	0.33	0.01	0.06	0.00	0.00	0.00	0.02	0.00	0.06
9H-1- 22	73.43	2.06	0.06	1.60	0.00	0.25	0.02	0.00	0.00	0.08	0.00	0.04
9H-1- 40	73.60	2.23	0.02	1.36	0.00	0.77	0.00	0.00	0.00	0.00	0.00	0.07
9H-1- 59	73.79	3.95	0.15	3.65	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.05
9H-1- 82	74.02	1.53	0.10	1.34	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.05
9H-1-102	74.22	0.67	0.06	0.50	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.09
9H-1-123	74.43	0.37	0.05	0.07	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.18
9H-1-142	74.62	17.89	0.16	0.40	0.00	13.14	0.16	2.84	0.21	0.80	0.00	0.16
9H-2- 23	74.93	6.32	0.02	0.31	0.00	5.57	0.00	0.01	0.04	0.00	0.00	0.35
9H-2- 40	75.10	3.92	0.11	0.63	0.00	3.10	0.02	0.00	0.00	0.04	0.00	0.01
9H-2- 59	75.29	1.94	0.02	0.18	0.00	1.66	0.00	0.01	0.01	0.00	0.00	0.06
9H-2- 82	75.52	2.52	0.02	0.11	0.00	2.21	0.02	0.12	0.01	0.01	0.00	0.02
9H-2-102	75.72	5.52	0.12	0.60	0.00	4.62	0.00	0.01	0.01	0.02	0.00	0.12
9H-2-123	75.93	5.72	0.15	2.01	0.00	3.04	0.01	0.25	0.01	0.09	0.00	0.15
9H-2-142	76.12	13.96	0.04	0.96	0.00	11.31	0.02	1.43	0.00	0.09	0.00	0.09
9H-3- 23	76.43	1.43	0.12	1.10	0.02	0.02	0.00	0.06	0.00	0.01	0.00	0.08
9H-3- 40	76.60	0.80	0.05	0.45	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.28
9H-3- 59	76.79	1.49	0.06	0.83	0.01	0.32	0.00	0.02	0.00	0.02	0.00	0.22
9H-3- 82	77.02	2.31	0.08	1.13	0.00	0.81	0.00	0.00	0.00	0.00	0.00	0.29
9H-3-102	77.22	1.07	0.07	0.47	0.01	0.15	0.00	0.01	0.00	0.01	0.00	0.35
9H-3-123	77.43	1.05	0.15	0.64	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.10
9H-3-142	77.62	22.37	0.00	0.00	0.08	20.01	0.21	0.50	0.00	1.16	0.00	0.41
9H-4- 23	78.43	4.21	0.02	1.33	0.00	2.66	0.00	0.01	0.01	0.00	0.01	0.18
9H-4- 40	78.60	27.21	0.10	0.15	0.00	23.80	0.30	0.20	0.20	1.75	0.00	0.70
9H-4- 59	78.79	6.92	0.05	1.08	0.00	5.31	0.00	0.15	0.00	0.00	0.05	0.27
9H-4- 82	79.02	4.61	0.08	0.51	0.01	3.63	0.02	0.10	0.00	0.16	0.00	0.08
9H-4-102	79.22	5.30	0.03	0.12	0.00	4.45	0.05	0.07	0.05	0.33	0.00	0.20
9H-5- 23	79.93	1.03	0.11	0.62	0.00	0.08	0.00	0.03	0.00	0.01	0.00	0.17
9H-5- 40	80.10	14.57	0.64	0.64	0.00	10.21	0.00	0.17	0.02	0.12	0.00	2.32
9H-5- 59	80.29	5.05	0.00	0.04	0.00	4.55	0.02	0.26	0.01	0.01	0.00	0.16
9H-5- 82	80.52	5.60	0.01	0.06	0.00	4.05	0.07	0.89	0.07	0.39	0.00	0.07
9H-5-102	80.72	9.26	0.00	0.05	0.00	8.21	0.03	0.36	0.02	0.00	0.00	0.56
9H-5-123	80.93	2.80	0.00	0.01	0.00	2.24	0.01	0.04	0.04	0.43	0.00	0.02
10H-2- 22	84.42	1.78	0.06	0.95	0.00	0.59	0.00	0.01	0.01	0.11	0.00	0.04
10H-2- 41	84.61	0.81	0.08	0.38	0.00	0.34	0.00	0.00	0.00	0.01	0.00	0.00
10H-2- 57	84.78	2.20	0.11	1.75	0.01	0.25	0.00	0.02	0.00	0.00	0.00	0.04
10H-2-101	85.22	1.90	0.01	0.29	0.00	1.52	0.00	0.01	0.00	0.00	0.00	0.06
10H-2-121	85.42	1.75	0.02	1.30	0.00	0.39	0.00	0.01	0.00	0.00	0.00	0.02
10H-2-142	85.63	0.72	0.01	0.68	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
10H-3- 22	85.92	0.26	0.06	0.12	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.06
10H-3- 41	86.11	4.92	0.23	0.41	0.00	0.25	0.00	0.01	0.00	0.00	0.00	3.98
10H-3- 57	86.28	1.03	0.11	0.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
10H-3- 78	86.48	1.93	0.14	0.73	0.00	0.36	0.00	0.00	0.00	0.00	0.00	0.66
10H-3-101	86.71	0.93	0.03	0.84	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.04
10H-3-121	86.92	2.52	0.07	1.78	0.06	0.03	0.00	0.00	0.00	0.00	0.00	0.53
10H-3-142	87.12	8.11	0.00	0.03	0.04	6.47	0.04	1.12	0.03	0.24	0.00	0.13
10H-4- 21	87.42	1.04	0.01	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
10H-4- 41	87.61	0.93	0.28	0.35	0.00	0.09	0.00	0.04	0.00	0.00	0.00	0.15

Table 1.4 (continued).

			Coarse fraction component analysis (wt%)									
Sample no.	Depth mbsf	>63 μm (%)	Benthic foram. (%)	Plankt. foram. (%)	Biogenic opal cf (%)	Quartz (%)	Feldspar (%)	Mica (%)	Hev. min. (%)	Rock fr. (%)	Volc. gl. (%)	Auth. (%)
10H-4- 57	87.78	20.90	0.04	0.08	0.04	19.45	0.00	0.00	0.00	0.00	0.04	1.25
10H-4- 78	87.98	28.55	0.18	0.69	0.14	19.68	0.00	7.39	0.14	0.14	0.00	0.18
10H-4-101	88.22	27.55	0.32	0.32	0.05	25.72	0.00	0.59	0.00	0.00	0.00	0.54
10H-4-121	88.41	11.32	0.11	0.22	0.00	9.81	0.02	0.13	0.04	0.24	0.00	0.73
10H-5- 21	88.91	0.81	0.09	0.52	0.00	0.09	0.00	0.07	0.00	0.02	0.00	0.02
10H-5- 41	89.11	3.22	0.02	0.14	0.00	2.82	0.00	0.02	0.00	0.00	0.00	0.20
10H-5- 57	89.28	1.39	0.13	1.04	0.00	0.17	0.00	0.01	0.00	0.01	0.00	0.01
10H-5- 78	89.48	9.51	0.29	1.39	0.02	5.45	0.00	0.02	0.00	0.00	0.00	2.30
10H-5-101	89.71	5.11	0.13	1.17	0.01	3.43	0.02	0.15	0.03	0.06	0.00	0.11
10H-5-121	89.92	3.17	0.41	1.12	0.00	1.24	0.00	0.01	0.00	0.01	0.00	0.33
10H-6- 21	90.42	14.21	0.05	0.75	0.03	10.27	0.05	2.81	0.08	0.13	0.00	0.05
10H-6- 41	90.62	5.79	0.24	1.80	0.00	2.96	0.01	0.64	0.03	0.02	0.00	0.03
11H-1- 22	92.42	3.90	0.04	0.07	0.00	3.52	0.02	0.08	0.01	0.06	0.00	0.07
11H-1- 42	92.62	3.03	0.02	0.03	0.04	2.80	0.00	0.03	0.00	0.01	0.00	0.09
11H-1- 60	92.80	2.79	0.02	0.01	0.00	2.45	0.02	0.18	0.04	0.04	0.00	0.04
11H-1- 81	93.01	13.63	0.05	0.00	0.03	12.52	0.08	0.08	0.00	0.08	0.00	0.80
11H-1-100	93.20	0.94	0.02	0.49	0.00	0.37	0.00	0.01	0.00	0.01	0.00	0.03
11H-1-122	93.40	2.37	0.06	0.25	0.01	1.90	0.00	0.01	0.00	0.00	0.00	0.13
11H-1-142	93.62	5.62	0.21	0.66	0.00	4.32	0.01	0.09	0.05	0.06	0.00	0.20
11H-2- 22	93.92	5.96	0.20	3.03	0.07	2.21	0.00	0.01	0.00	0.00	0.00	0.42
11H-2- 39	94.09	3.42	0.05	3.23	0.00	0.10	0.00	0.03	0.00	0.00	0.00	0.01
11H-2- 63	94.33	2.16	0.05	1.67	0.01	0.37	0.00	0.00	0.00	0.00	0.00	0.05
11H-2- 81	94.51	1.22	0.08	0.55	0.00	0.55	0.00	0.00	0.00	0.00	0.00	0.02
11H-2-100	94.70	1.99	0.05	0.87	0.01	1.00	0.00	0.00	0.00	0.00	0.00	0.06
11H-2-122	94.92	0.99	0.16	0.72	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.03
11H-2-142	95.14	1.51	0.36	0.57	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.29
11H-3- 22	95.42	1.78	0.33	0.35	0.00	0.96	0.00	0.02	0.00	0.02	0.00	0.10
11H-3- 42	95.62	5.82	0.21	0.18	0.00	5.10	0.00	0.07	0.00	0.00	0.00	0.26
11H-3- 60	95.80	2.91	0.12	0.07	0.00	2.47	0.00	0.19	0.03	0.03	0.00	0.01
11H-3- 81	96.01	13.87	0.03	0.05	0.00	13.10	0.00	0.11	0.00	0.03	0.00	0.56
11H-3-100	96.20	11.55	0.04	0.00	0.00	10.55	0.02	0.27	0.06	0.42	0.00	0.19
11H-3-122	96.40	3.94	0.05	0.00	0.00	3.73	0.00	0.02	0.00	0.00	0.00	0.14
11H-3-142	96.62	5.30	0.18	0.13	0.00	4.46	0.00	0.22	0.06	0.14	0.00	0.12
11H-4- 22	96.92	3.00	0.13	0.82	0.00	1.88	0.00	0.01	0.01	0.00	0.00	0.10
11H-4- 42	97.14	3.15	0.16	0.81	0.01	1.79	0.02	0.27	0.01	0.05	0.00	0.01
11H-4- 60	97.30	2.57	0.12	0.66	0.00	1.57	0.00	0.00	0.00	0.00	0.00	0.20
11H-4- 81	97.51	1.29	0.11	0.80	0.00	0.28	0.00	0.07	0.00	0.03	0.00	0.00
11H-4-100	97.70	7.52	0.00	0.01	0.00	7.03	0.00	0.08	0.00	0.01	0.04	0.34
11H-4-122	97.92	20.32	0.04	0.00	0.00	18.78	0.00	0.87	0.08	0.46	0.00	0.08
11H-4-142	98.14	4.27	0.02	0.10	0.01	4.01	0.00	0.04	0.00	0.00	0.01	0.08
11H-5- 22	98.42	0.66	0.05	0.38	0.00	0.19	0.00	0.01	0.01	0.02	0.00	0.00
11H-5- 42	98.62	17.90	0.04	0.04	0.00	17.30	0.00	0.11	0.04	0.00	0.00	0.39
11H-5- 60	98.80	0.69	0.05	0.42	0.00	0.19	0.00	0.01	0.00	0.02	0.00	0.00
11H-5- 88	99.08	8.38	0.08	0.17	0.00	7.88	0.00	0.03	0.00	0.00	0.02	0.20
11H-5-100	99.30	0.51	0.00	0.00	0.00	0.45	0.00	0.01	0.00	0.03	0.00	0.01
11H-5-122	99.52	2.28	0.02	0.18	0.00	1.94	0.00	0.00	0.00	0.00	0.00	0.11
11H-6- 22	99.92	1.72	0.20	1.27	0.00	0.19	0.00	0.02	0.00	0.00	0.00	0.03
11H-6- 42	100.14	0.91	0.01	0.05	0.00	0.76	0.00	0.00	0.00	0.00	0.01	0.06
11H-6- 60	100.30	1.78	0.15	1.54	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.05
11H-6- 88	100.58	1.50	0.15	1.26	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.06

Table 1.4 (continued).

			Coarse fraction component analysis (wt%)									
Sample no.	Depth mbsf	>63 μm (%)	Benthic foram. (%)	Plankt. foram. (%)	Biogenic opal cf (%)	Quartz (%)	Feldspar (%)	Mica (%)	Hev. min. (%)	Rock fr. (%)	Volc. gl. (%)	Auth. (%)
11H-6-122	100.92	1.20	0.12	0.89	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.17
11H-6-142	101.14	5.73	0.78	4.48	0.03	0.02	0.00	0.00	0.00	0.00	0.00	0.39
11H-7- 22	101.42	1.16	0.14	0.87	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.10
12H-1- 22	101.91	15.99	0.09	0.06	0.09	15.09	0.00	0.46	0.00	0.12	0.00	0.06
12H-1- 42	102.10	1.46	0.01	0.01	0.00	1.28	0.00	0.01	0.00	0.01	0.00	0.14
12H-1- 62	102.30	4.56	0.38	2.31	0.01	1.68	0.00	0.02	0.00	0.01	0.00	0.10
12H-1- 82	102.49	1.78	0.15	1.36	0.01	0.20	0.00	0.00	0.00	0.00	0.00	0.06
12H-1-102	102.68	1.07	0.10	0.76	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.12
12H-1-122	102.87	2.45	0.02	0.21	0.00	1.85	0.00	0.00	0.00	0.16	0.01	0.20
12H-1-143	103.06	4.07	0.00	0.09	0.00	3.76	0.02	0.01	0.00	0.00	0.01	0.17
12H-2- 22	103.35	8.08	0.00	0.00	0.00	7.61	0.00	0.20	0.00	0.00	0.01	0.25
12H-2- 42	103.54	0.58	0.00	0.00	0.00	0.32	0.00	0.00	0.00	0.00	0.00	0.26
12H-2- 62	103.74	2.65	0.00	0.00	0.01	2.22	0.00	0.00	0.00	0.17	0.00	0.24
12H-2- 82	103.93	5.65	0.00	0.02	0.00	5.19	0.00	0.00	0.00	0.00	0.02	0.41
12H-2-102	104.12	1.92	0.00	1.59	0.00	0.06	0.00	0.00	0.00	0.01	0.04	0.13
12H-2-122	104.31	1.38	0.01	1.10	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.23
12H-2-142	104.50	2.05	0.07	0.18	0.02	0.99	0.00	0.00	0.00	0.02	0.01	0.75
12H-3- 22	104.79	6.92	0.00	0.05	0.00	6.45	0.01	0.00	0.00	0.01	0.01	0.39
12H-3- 42	104.98	1.24	0.04	0.54	0.00	0.53	0.00	0.02	0.01	0.05	0.00	0.04
12H-3- 62	105.18	1.04	0.00	0.08	0.00	0.64	0.00	0.00	0.00	0.00	0.00	0.32
12H-3- 82	105.37	1.04	0.00	0.00	0.00	0.70	0.00	0.01	0.00	0.03	0.01	0.29
12H-3-102	105.56	0.79	0.00	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.45
12H-3-122	105.75	0.39	0.07	0.05	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.23
12H-3-142	105.94	4.66	0.00	0.00	0.00	4.25	0.00	0.03	0.00	0.03	0.00	0.36
12H-4- 22	106.23	3.76	0.48	0.70	0.28	0.00	0.00	0.03	0.00	0.00	0.00	2.26
12H-4- 42	106.42	0.94	0.12	0.29	0.02	0.08	0.00	0.00	0.00	0.00	0.00	0.43
12H-4- 62	106.62	1.17	0.12	0.59	0.06	0.01	0.00	0.02	0.00	0.00	0.01	0.34
12H-4- 82	106.81	3.01	1.53	0.64	0.31	0.21	0.00	0.02	0.00	0.00	0.01	0.22
12H-4-102	107.00	5.94	0.06	0.08	0.06	5.34	0.00	0.02	0.02	0.10	0.00	0.27
12H-5- 22	107.67	16.86	0.00	0.00	0.06	15.75	0.00	0.06	0.06	0.38	0.03	0.51
12H-5- 42	107.86	6.27	0.12	0.23	0.07	5.09	0.00	0.02	0.05	0.08	0.00	0.61
12H-5- 62	108.06	3.14	0.06	0.24	0.10	2.17	0.00	0.00	0.00	0.01	0.00	0.56
12H-5- 82	108.25	2.66	0.10	0.16	0.10	0.10	0.00	0.00	0.00	0.00	1.75	0.45
12H-5-102	108.44	2.55	0.01	0.00	0.03	2.10	0.00	0.02	0.00	0.01	0.03	0.37
12H-5-122	108.63	4.37	0.01	0.01	0.09	3.63	0.00	0.03	0.00	0.01	0.00	0.61
12H-5-142	108.82	7.43	0.00	0.01	0.00	7.17	0.00	0.00	0.04	0.07	0.00	0.14
12H-6- 22	109.11	4.64	0.00	0.07	0.08	4.18	0.00	0.04	0.01	0.01	0.00	0.25
12H-6- 42	109.30	0.61	0.00	0.00	0.00	0.56	0.00	0.00	0.00	0.00	0.00	0.04
12H-6- 62	109.50	1.41	0.01	0.23	0.00	0.88	0.00	0.00	0.00	0.00	0.00	0.29
12H-6- 82	109.69	1.50	0.17	1.17	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.10
12H-6-106	109.88	3.78	0.16	3.39	0.05	0.00	0.00	0.00	0.00	0.00	0.01	0.13
12H-6-122	110.07	5.18	0.12	4.64	0.16	0.02	0.00	0.00	0.00	0.00	0.01	0.15
12H-6-142	110.26	1.77	0.06	1.52	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.12
12H-7- 22	110.55	0.88	0.02	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30
12H-7- 42	110.74	1.54	0.04	1.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31
13H-1- 62	111.81	1.80	0.29	1.11	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.29
13H-1- 82	112.00	1.23	0.23	0.74	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.17
13H-1-102	112.20	0.79	0.18	0.36	0.01	0.05	0.00	0.00	0.00	0.03	0.00	0.15
13H-1-122	112.40	0.72	0.09	0.27	0.00	0.17	0.00	0.00	0.00	0.03	0.00	0.15
13H-1-145	112.62	2.87	0.73	1.08	0.01	0.62	0.01	0.00	0.00	0.07	0.00	0.31

Table 1.4 (continued).

			Coarse fraction component analysis (wt%)									
Sample no.	Depth mbsf	>63 μm (%)	Benthic foram. (%)	Plankt. foram. (%)	Biogenic opal cf (%)	Quartz (%)	Feldspar (%)	Mica (%)	Hev. min. (%)	Rock fr. (%)	Volc. gl. (%)	Auth. (%)
13H-2- 21	112.88	10.42	0.08	0.00	0.02	10.09	0.00	0.04	0.02	0.12	0.00	0.04
13H-2- 42	113.08	5.24	0.00	0.00	0.00	5.07	0.00	0.01	0.04	0.09	0.00	0.02
13H-2- 62	113.28	4.58	0.28	0.16	0.04	4.02	0.00	0.01	0.01	0.01	0.00	0.04
13H-2- 82	113.47	1.03	0.02	0.01	0.00	0.51	0.00	0.00	0.00	0.00	0.01	0.48
13H-2-102	113.67	5.88	0.05	0.00	0.01	5.53	0.00	0.00	0.00	0.00	0.00	0.29
13H-2-122	113.87	1.56	0.30	0.09	0.00	0.87	0.00	0.01	0.00	0.01	0.00	0.28
13H-3- 21	114.35	3.30	0.01	0.01	0.00	3.16	0.00	0.00	0.03	0.02	0.00	0.07
13H-3-145	114.58	9.74	0.00	0.02	0.06	8.60	0.00	0.11	0.08	0.69	0.00	0.19
13H-4- 21	115.82	10.35	0.14	0.00	0.00	9.83	0.00	0.00	0.16	0.16	0.00	0.08
13H-4- 42	116.02	0.75	0.17	0.08	0.00	0.44	0.00	0.00	0.00	0.01	0.00	0.04
13H-4- 62	116.22	3.87	0.64	1.13	0.00	2.01	0.00	0.01	0.03	0.00	0.00	0.04
13H-4- 82	116.41	3.96	0.09	0.02	0.00	3.73	0.00	0.02	0.05	0.03	0.00	0.02
13H-4-102	116.61	2.89	0.22	0.14	0.00	2.49	0.00	0.01	0.03	0.01	0.00	0.00
13H-4-122	116.81	15.82	0.03	0.00	0.03	14.53	0.00	0.09	0.21	0.09	0.00	0.85
13H-5- 21	117.29	4.20	0.68	0.13	0.00	1.93	0.01	0.00	0.02	0.25	0.00	1.18
13H-5- 42	117.49	7.20	0.28	0.00	0.00	5.35	0.15	0.00	0.13	0.97	0.01	0.31
13H-5- 62	117.69	6.42	0.23	0.01	0.00	4.99	0.37	0.25	0.10	0.36	0.00	0.12
13H-5- 86	117.92	6.61	0.00	0.01	0.00	6.35	0.00	0.00	0.04	0.10	0.00	0.10
13H-6- 21	118.76	1.22	0.37	0.10	0.00	0.39	0.00	0.00	0.00	0.00	0.00	0.36
13H-6- 42	118.96	1.04	0.24	0.05	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.63
13H-6- 62	119.16	0.79	0.33	0.13	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.26
13H-6- 82	119.35	1.16	0.27	0.16	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.68
13H-7- 21	119.56	1.77	0.06	0.26	0.03	0.31	0.00	0.00	0.01	0.01	0.00	1.08
13H-7- 42	119.77	13.74	0.00	0.02	0.00	12.56	0.00	0.16	0.09	0.23	0.09	0.58
13H-7- 62	119.96	0.67	0.09	0.31	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.24
13H-7- 84	120.16	1.31	0.06	0.67	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.51
13H-7-102	120.35	0.48	0.15	0.21	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.07
13H-7-122	120.55	0.73	0.24	0.32	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.15
14H-1- 21	120.91	1.62	0.17	0.06	0.00	1.19	0.00	0.00	0.00	0.01	0.00	0.19
14H-1- 41	121.11	1.31	0.01	0.00	0.00	1.22	0.00	0.00	0.00	0.02	0.00	0.06
14H-1- 62	121.32	3.46	0.00	0.00	0.00	3.28	0.00	0.00	0.02	0.01	0.00	0.16
14H-2- 82	123.02	6.20	0.02	0.00	0.00	4.79	0.23	0.18	0.07	0.55	0.01	0.35
14H-2-103	123.23	4.25	0.01	0.02	0.00	3.52	0.19	0.16	0.03	0.26	0.00	0.06
14H-2-123	123.43	2.82	0.02	0.00	0.00	2.35	0.12	0.06	0.00	0.21	0.00	0.05
14H-2-142	123.62	1.57	0.10	0.00	0.00	1.42	0.00	0.00	0.02	0.02	0.00	0.01
14H-3- 21	123.91	24.52	0.00	0.00	0.00	23.38	0.14	0.10	0.24	0.43	0.00	0.24
14H-3- 41	124.11	6.98	0.08	0.00	0.03	6.63	0.00	0.04	0.00	0.04	0.00	0.14
14H-3- 62	124.32	2.72	0.16	0.01	0.00	1.89	0.00	0.00	0.02	0.00	0.00	0.64
14H-3- 82	124.52	3.15	0.02	0.00	0.01	2.82	0.00	0.04	0.03	0.02	0.00	0.22
14H-3-103	124.72	3.07	0.01	0.00	0.01	2.58	0.03	0.04	0.03	0.28	0.00	0.10
14H-3-123	124.93	3.30	0.77	0.00	0.02	0.61	0.01	0.06	0.00	0.03	0.00	1.80
14H-4- 21	125.41	0.41	0.00	0.00	0.00	0.35	0.01	0.01	0.00	0.03	0.00	0.01
14H-4- 62	125.82	2.22	0.01	0.00	0.00	1.80	0.02	0.01	0.02	0.13	0.00	0.23
14H-4- 82	126.02	0.26	0.14	0.01	0.00	0.02	0.00	0.00	0.00	0.01	0.00	0.08
14H-5- 21	126.91	2.82	0.49	0.07	0.00	1.08	0.00	0.00	0.01	0.06	0.00	1.08
14H-5- 41	127.11	10.04	0.52	0.02	0.02	7.69	0.11	0.10	0.21	0.60	0.00	0.76
14H-5- 62	127.32	21.53	0.00	0.00	0.00	17.59	0.58	0.39	0.23	2.52	0.03	0.19
14H-5- 82	127.52	8.73	0.24	0.00	0.00	6.68	0.15	0.00	0.04	1.21	0.00	0.41
14H-5-103	127.72	1.37	0.58	0.01	0.00	0.33	0.01	0.01	0.00	0.03	0.00	0.35
14H-5-123	127.93	1.80	0.40	0.01	0.00	1.35	0.00	0.00	0.00	0.01	0.00	0.02

Table 1.4 (continued).

			Coarse fraction component analysis (wt%)									
Sample no.	Depth mbsf	>63 μm (%)	Benthic foram. (%)	Plankt. foram. (%)	Biogenic opal cf (%)	Quartz (%)	Feldspar (%)	Mica (%)	Hev. min. (%)	Rock fr. (%)	Volc. gl. (%)	Auth. (%)
14H-5-142	128.12	5.05	0.31	0.00	0.00	4.57	0.00	0.03	0.03	0.04	0.00	0.08
14H-C- 15	128.35	4.81	0.16	0.00	0.00	3.68	0.05	0.01	0.03	0.47	0.00	0.41
15H-1- 22	130.42	3.35	0.11	0.02	0.00	2.92	0.00	0.01	0.00	0.06	0.14	0.09
15H-1- 42	130.62	0.93	0.15	0.10	0.00	0.21	0.00	0.00	0.00	0.00	0.00	0.45
15H-1- 62	130.82	6.57	0.11	0.00	0.00	5.13	0.05	0.00	0.09	0.58	0.00	0.61
15H-1- 82	131.02	6.39	0.07	0.01	0.01	5.44	0.02	0.02	0.08	0.56	0.00	0.16
15H-1-102	131.22	6.96	0.45	0.05	0.26	3.67	0.05	0.06	0.04	0.19	0.01	2.12
15H-1-122	131.42	1.96	0.21	0.03	0.03	0.68	0.02	0.00	0.00	0.03	0.00	0.95
15H-1-142	131.62	1.65	0.00	0.02	0.01	1.17	0.03	0.00	0.01	0.08	0.00	0.33
15H-2- 22	131.92	1.20	0.01	0.01	0.00	0.78	0.01	0.00	0.00	0.05	0.00	0.33
15H-2- 42	132.12	4.06	0.00	0.01	0.00	3.52	0.10	0.01	0.01	0.23	0.00	0.19
15H-2- 62	132.32	4.03	0.06	0.00	0.01	2.03	0.02	0.02	0.00	0.09	0.14	1.66
15H-2- 82	132.52	5.65	0.00	0.00	0.00	2.65	0.09	0.02	0.02	0.06	0.11	2.71
15H-2-102	132.72	3.59	0.00	0.00	0.00	2.87	0.06	0.02	0.03	0.18	0.02	0.42
15H-2-122	132.92	9.75	0.00	0.02	0.00	7.31	0.00	0.05	0.04	0.00	0.00	2.33
15H-2-142	133.12	1.17	0.00	0.00	0.01	0.59	0.00	0.00	0.00	0.00	0.00	0.56
15H-3- 42	133.42	1.34	0.18	0.69	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.42
15H-3- 62	133.62	1.32	0.42	0.54	0.01	0.03	0.00	0.00	0.00	0.01	0.00	0.30
15H-3- 82	133.82	1.35	0.38	0.20	0.00	0.04	0.00	0.00	0.00	0.00	0.26	0.41
15H-3-102	134.02	0.99	0.10	0.32	0.01	0.04	0.00	0.00	0.00	0.00	0.01	0.49
15H-3-122	134.22	1.56	0.07	0.09	0.01	1.12	0.00	0.00	0.00	0.03	0.00	0.24
15H-3-142	134.42	1.74	0.01	0.06	0.02	0.52	0.01	0.00	0.02	0.03	0.00	1.06
15H-4- 22	134.92	1.37	0.07	0.01	0.14	0.43	0.00	0.01	0.01	0.00	0.00	0.70
15H-4- 42	135.12	1.80	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.02	0.00	1.40
15H-4- 62	135.32	1.72	0.04	0.01	0.00	1.22	0.02	0.00	0.01	0.11	0.01	0.28
15H-4- 82	135.52	0.71	0.02	0.00	0.01	0.34	0.01	0.00	0.00	0.05	0.01	0.26
15H-4-102	135.72	1.07	0.01	0.01	0.00	0.76	0.01	0.00	0.01	0.08	0.00	0.20
15H-4-122	135.92	0.52	0.01	0.08	0.01	0.05	0.00	0.00	0.00	0.00	0.01	0.37
15H-5- 22	136.42	1.00	0.11	0.07	0.01	0.06	0.00	0.00	0.00	0.00	0.00	0.75
15H-5- 62	136.62	6.82	0.50	1.69	0.06	0.10	0.00	0.00	0.00	0.00	0.00	4.27
15H-5- 82	136.82	0.99	0.11	0.19	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.65
15H-5-102	137.02	0.73	0.09	0.04	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.57
15H-5-122	137.22	0.75	0.10	0.02	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.60
15H-5-142	137.42	1.62	0.06	0.02	0.03	0.15	0.01	0.00	0.00	0.00	0.00	1.35
15H-6- 22	137.92	1.53	0.16	0.11	0.01	0.39	0.02	0.00	0.02	0.04	0.25	0.53
15H-6- 42	138.12	0.61	0.04	0.03	0.01	0.12	0.01	0.00	0.00	0.01	0.00	0.39
15H-6- 62	138.32	7.44	0.11	0.03	0.00	5.91	0.21	0.00	0.07	0.74	0.00	0.34
15H-6- 82	138.52	1.71	0.03	0.01	0.00	1.26	0.03	0.00	0.03	0.11	0.01	0.23
15H-7- 22	139.42	2.11	0.04	0.01	0.00	1.14	0.02	0.02	0.04	0.11	0.02	0.70
15H-7- 42	139.62	0.88	0.00	0.00	0.00	0.65	0.01	0.00	0.01	0.07	0.00	0.15
15H-7- 62	139.82	7.22	0.00	0.00	0.01	6.53	0.10	0.01	0.10	0.33	0.00	0.15
16H-1- 23	139.93	8.73	0.11	0.08	0.00	7.76	0.06	0.03	0.00	0.34	0.00	0.34
16H-1-102	140.72	1.18	0.13	0.53	0.00	0.02	0.00	0.01	0.00	0.02	0.00	0.14
16H-1-120	140.90	1.11	0.19	0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11
16H-1-142	141.12	1.41	0.19	0.80	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.27
16H-2- 23	141.43	9.88	0.00	0.07	0.00	6.90	0.11	0.50	0.02	0.11	0.00	2.17
16H-2-102	142.02	0.78	0.08	0.48	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.20
16H-2-120	142.20	2.15	0.04	0.06	0.00	1.38	0.04	0.02	0.00	0.17	0.00	0.44
16H-2-142	142.42	6.39	0.13	0.04	0.00	5.34	0.04	0.25	0.07	0.07	0.00	0.46
16H-3- 23	142.93	3.37	0.04	0.14	0.01	1.79	0.02	0.01	0.04	0.34	0.07	0.92

Table 1.4 (continued).

			Coarse fraction component analysis (wt%)									
Sample no.	Depth mbsf	>63 μm (%)	Benthic foram. (%)	Plankt. foram. (%)	Biogenic opal cf (%)	Quartz (%)	Feldspar (%)	Mica (%)	Hev. min. (%)	Rock fr. (%)	Volc. gl. (%)	Auth. (%)
16H-3-102	143.72	1.11	0.16	0.15	0.02	0.32	0.00	0.01	0.01	0.06	0.02	0.34
16H-3-120	143.90	1.36	0.14	0.11	0.58	0.01	0.00	0.01	0.00	0.02	0.01	0.46
16H-3-142	144.12	0.84	0.10	0.15	0.19	0.02	0.00	0.00	0.00	0.02	0.00	0.35
16H-4- 23	144.43	1.15	0.26	0.04	0.17	0.03	0.00	0.00	0.00	0.01	0.00	0.63
16H-4-102	145.02	1.45	0.05	0.71	0.04	0.01	0.00	0.00	0.00	0.01	0.00	0.61
16H-4-120	145.20	1.48	0.09	0.59	0.03	0.31	0.01	0.00	0.00	0.03	0.00	0.39
16H-5- 23	145.93	0.82	0.01	0.21	0.02	0.36	0.01	0.00	0.00	0.04	0.00	0.16
16H-5-102	146.72	0.75	0.20	0.14	0.03	0.04	0.00	0.00	0.00	0.01	0.00	0.32
16H-5-120	146.92	1.29	0.46	0.30	0.00	0.05	0.00	0.00	0.00	0.06	0.00	0.43
16H-5-142	147.12	0.85	0.12	0.40	0.02	0.01	0.00	0.00	0.00	0.01	0.00	0.28
16H-6- 23	147.43	4.68	0.08	0.04	0.00	3.72	0.09	0.05	0.02	0.32	0.00	0.36
17H-1- 23	149.42	1.39	0.00	0.01	0.04	0.64	0.03	0.01	0.01	0.07	0.01	0.57
17H-1- 42	149.62	10.70	0.00	0.00	0.95	3.88	0.00	0.09	0.05	0.79	0.18	4.75
17H-1-122	150.42	1.24	0.00	0.00	0.02	0.47	0.01	0.00	0.01	0.05	0.00	0.68
17H-1-142	150.62	3.85	0.00	0.00	0.02	2.74	0.00	0.23	0.02	0.18	0.19	0.47
17H-2- 22	150.92	2.05	0.47	0.77	0.00	0.36	0.01	0.00	0.01	0.10	0.05	0.28
17H-2- 42	151.12	0.97	0.10	0.60	0.13	0.01	0.00	0.01	0.00	0.00	0.02	0.09
17H-2- 62	151.22	4.74	0.03	0.45	0.45	0.00	0.00	0.00	0.00	0.00	3.70	0.10
17H-3- 22	152.42	0.82	0.03	0.05	0.17	0.03	0.00	0.00	0.00	0.00	0.07	0.47
17H-3- 42	152.62	1.30	0.33	0.05	0.04	0.23	0.00	0.00	0.00	0.02	0.04	0.58
17H-3- 62	152.82	2.16	0.06	0.03	0.04	1.09	0.02	0.00	0.02	0.15	0.16	0.58
17H-4- 22	153.92	8.89	0.02	0.00	0.20	5.02	0.11	0.00	0.03	0.83	0.03	2.63
17H-4- 42	154.12	2.59	0.02	0.03	0.00	1.67	0.04	0.01	0.02	0.33	0.06	0.41
17H-4-102	154.32	1.09	0.08	0.28	0.03	0.08	0.00	0.00	0.00	0.00	0.04	0.59
17H-4-122	154.52	2.39	0.37	0.18	0.23	1.11	0.00	0.03	0.02	0.08	0.07	0.30
17H-4-142	154.72	1.12	0.04	0.32	0.01	0.15	0.00	0.00	0.01	0.03	0.00	0.57
17H-5- 22	155.42	1.65	0.05	0.25	0.00	0.49	0.01	0.00	0.01	0.04	0.03	0.77
17H-5-122	156.42	1.44	0.21	0.17	0.45	0.03	0.00	0.01	0.00	0.00	0.01	0.54
18H-1- 42	159.12	1.46	0.01	0.00	0.05	0.97	0.02	0.01	0.00	0.17	0.00	0.22
18H-1- 58	159.30	2.61	0.00	0.00	0.00	2.02	0.00	0.00	0.00	0.19	0.00	0.39
18H-1-102	159.52	1.35	0.06	0.03	0.17	0.10	0.00	0.01	0.00	0.01	0.00	0.96
18H-1-122	159.72	0.99	0.31	0.21	0.08	0.03	0.00	0.01	0.00	0.07	0.00	0.28
18H-1-142	159.92	0.90	0.32	0.06	0.04	0.08	0.00	0.00	0.00	0.01	0.00	0.38
18H-2- 42	160.62	1.31	0.00	0.00	0.02	0.74	0.02	0.00	0.00	0.11	0.00	0.41
18H-2- 58	160.80	15.19	0.00	0.00	0.05	9.68	0.00	0.32	0.00	5.14	0.00	0.00
18H-2-102	161.20	1.40	0.01	0.00	0.00	1.03	0.04	0.03	0.03	0.18	0.00	0.08
18H-2-122	161.42	3.75	0.09	0.00	0.00	2.63	0.00	0.21	0.02	0.60	0.00	0.21
18H-2-142	161.62	1.93	0.02	0.00	0.00	1.32	0.08	0.02	0.05	0.19	0.00	0.25
18H-3- 42	162.12	0.42	0.03	0.04	0.00	0.12	0.00	0.00	0.00	0.01	0.00	0.21
18H-3- 58	162.30	14.05	0.00	0.00	0.00	11.49	0.50	0.10	0.08	1.57	0.00	0.31
18H-3-102	162.52	10.57	1.04	0.07	0.00	7.32	0.29	0.11	0.09	1.17	0.00	0.48
18H-3-122	162.72	0.45	0.15	0.08	0.00	0.08	0.00	0.01	0.00	0.03	0.00	0.09
18H-3-142	162.92	3.73	0.01	0.00	0.00	2.94	0.06	0.03	0.05	0.39	0.00	0.25
18H-4- 42	163.62	2.34	0.41	0.03	0.00	0.68	0.02	0.00	0.00	0.11	0.04	1.04
18H-4- 58	163.80	3.68	0.33	0.08	0.00	0.79	0.00	0.00	0.01	0.21	0.08	2.17
18H-4-102	164.20	0.46	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.01	0.00	0.41
18H-5- 42	165.12	0.50	0.03	0.22	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.22
18H-5- 58	165.30	1.61	0.08	0.52	0.07	0.04	0.00	0.05	0.00	0.03	0.00	0.82
18H-5-102	165.52	0.86	0.02	0.53	0.02	0.02	0.00	0.00	0.00	0.02	0.03	0.23
18H-5-122	165.72	1.09	0.21	0.28	0.08	0.03	0.00	0.00	0.00	0.01	0.01	0.42

Table 1.4 (continued).

			Coarse fraction component analysis (wt%)									
Sample no.	Depth mbsf	>63 μm (%)	Benthic foram. (%)	Plankt. foram. (%)	Biogenic opal cf (%)	Quartz (%)	Feldspar (%)	Mica (%)	Hev. min. (%)	Rock fr. (%)	Volc. gl. (%)	Auth. (%)
18H-5-142	165.92	0.64	0.08	0.32	0.01	0.01	0.00	0.00	0.00	0.01	0.00	0.20
18H-6- 42	166.62	0.40	0.02	0.01	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.33
18H-6- 58	166.80	1.72	0.02	0.01	0.02	0.09	0.00	0.00	0.00	0.03	0.00	1.55
18H-7- 42	168.12	13.95	0.81	0.22	0.00	9.08	0.00	0.06	0.03	2.27	0.00	1.48
18H-7- 58	168.30	0.36	0.00	0.00	0.00	0.33	0.00	0.00	0.00	0.03	0.00	0.00
19H-2- 22	169.92	1.81	0.52	0.37	0.03	0.15	0.00	0.00	0.00	0.01	0.00	0.73
19H-2- 82	170.52	10.41	0.00	0.00	0.46	9.65	0.00	0.10	0.00	0.04	0.00	0.16
19H-2-100	170.70	1.51	0.01	0.00	0.00	1.15	0.00	0.01	0.01	0.03	0.00	0.31
19H-3- 22	171.42	1.35	0.07	0.00	0.00	0.26	0.00	0.01	0.01	0.00	0.00	1.00
19H-3- 82	172.02	2.29	0.20	0.01	0.08	0.81	0.00	0.00	0.01	0.01	0.00	1.16
19H-3- 98	172.22	1.50	0.26	0.18	0.25	0.07	0.00	0.01	0.00	0.01	0.00	0.71
19H-3-120	172.40	0.89	0.02	0.17	0.01	0.03	0.00	0.00	0.00	0.01	0.25	0.39
19H-3-142	172.62	0.86	0.12	0.15	0.14	0.04	0.00	0.00	0.00	0.00	0.00	0.40
19H-4- 22	172.92	1.37	0.09	0.03	0.04	0.72	0.00	0.00	0.00	0.00	0.00	0.49
19H-4- 82	173.52	0.70	0.05	0.16	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.40
19H-4-100	173.70	2.61	0.13	0.05	0.10	0.22	0.00	0.01	0.00	0.00	0.97	1.14
20H-1- 42	178.12	2.80	0.00	0.00	0.03	2.42	0.01	0.07	0.02	0.06	0.07	0.13
20H-1- 82	178.20	9.48	0.25	0.00	0.19	8.04	0.00	0.09	0.00	0.04	0.00	0.88
20H-1-102	178.42	0.82	0.17	0.25	0.01	0.09	0.00	0.00	0.00	0.00	0.00	0.26
20H-1-122	178.62	0.40	0.07	0.15	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.14
20H-1-142	178.82	0.52	0.18	0.22	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.10
20H-2- 42	179.60	7.78	0.00	0.00	0.03	6.95	0.01	0.16	0.00	0.21	0.07	0.34
20H-2- 82	179.80	1.91	0.61	0.22	0.04	0.99	0.00	0.00	0.00	0.00	0.00	0.06
20H-2-102	180.00	1.82	0.67	0.29	0.00	0.29	0.00	0.01	0.00	0.01	0.00	0.54
20H-2-122	180.20	1.73	0.60	0.70	0.01	0.36	0.00	0.00	0.00	0.00	0.00	0.07
20H-2-142	180.40	1.99	0.95	0.46	0.19	0.01	0.00	0.01	0.01	0.00	0.00	0.37
20H-3- 42	181.10	0.31	0.00	0.01	0.03	0.11	0.00	0.00	0.00	0.00	0.01	0.15
20H-3- 82	181.30	0.65	0.20	0.10	0.00	0.09	0.00	0.00	0.00	0.01	0.00	0.24
20H-3-102	181.50	1.52	0.66	0.21	0.00	0.10	0.00	0.00	0.00	0.01	0.00	0.53
20H-3-122	181.70	0.45	0.27	0.02	0.00	0.02	0.00	0.00	0.00	0.01	0.00	0.13
20H-4- 42	182.60	1.76	0.13	0.08	0.00	0.68	0.01	0.00	0.02	0.03	0.13	0.67
20H-4- 82	182.80	1.29	0.04	0.00	0.26	0.10	0.00	0.00	0.01	0.10	0.01	0.76
20H-4-122	183.20	0.38	0.01	0.00	0.06	0.05	0.00	0.01	0.00	0.00	0.00	0.26
20H-5- 42	184.10	1.41	0.15	0.01	0.01	0.97	0.00	0.01	0.01	0.02	0.02	0.22
20H-5- 82	184.30	0.68	0.03	0.01	0.04	0.19	0.00	0.00	0.00	0.00	0.00	0.41
20H-5-102	184.40	0.65	0.00	0.00	0.00	0.32	0.00	0.00	0.00	0.00	0.00	0.32
21H-1- 22	185.01	2.08	0.09	0.89	0.40	0.02	0.00	0.00	0.00	0.00	0.00	0.68
21H-1- 42	185.20	1.32	0.00	0.02	0.68	0.03	0.00	0.00	0.00	0.00	0.01	0.59
21H-1- 62	185.39	1.30	0.00	0.00	0.24	0.02	0.00	0.00	0.00	0.01	0.00	1.02
21H-1- 82	185.58	0.55	0.00	0.00	0.30	0.02	0.00	0.01	0.00	0.01	0.18	0.02
21H-1-102	185.77	1.21	0.00	0.00	0.30	0.02	0.00	0.00	0.00	0.01	0.01	0.87
21H-1-122	185.96	1.58	0.00	0.00	0.93	0.03	0.00	0.02	0.02	0.06	0.48	0.04
21H-1-142	186.15	2.14	0.02	0.02	1.10	0.05	0.00	0.00	0.00	0.01	0.00	0.94
22H-1- 22	187.01	3.44	0.11	0.01	0.12	2.45	0.01	0.00	0.00	0.00	0.00	0.73
22H-1-102	187.77	0.88	0.24	0.12	0.04	0.20	0.00	0.00	0.00	0.00	0.00	0.28
22H-1-122	187.96	0.65	0.02	0.00	0.06	0.11	0.00	0.00	0.00	0.00	0.00	0.46
22H-2- 42	188.62	0.06	0.02	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.01
22H-2- 62	188.81	0.95	0.36	0.00	0.00	0.10	0.00	0.00	0.01	0.00	0.00	0.47
22H-2- 82	189.00	1.41	0.01	0.00	0.01	0.37	0.00	0.06	0.00	0.00	0.00	0.96
22H-2-102	189.19	6.03	0.10	0.00	0.02	5.59	0.00	0.01	0.00	0.01	0.00	0.29

Table 1.4 (continued).

Sample no.	Depth mbsf	>63 μm (%)	Coarse fraction component analysis (wt%)									
			Benthic foram. (%)	Plankt. foram. (%)	Biogenic opal cf (%)	Quartz (%)	Feldspar (%)	Mica (%)	Hev. min. (%)	Rock fr. (%)	Volc. gl. (%)	Auth. (%)
22H-3- 22	189.86	1.10	0.00	0.00	0.00	1.04	0.01	0.01	0.00	0.01	0.00	0.03
22H-3- 42	190.05	2.74	0.00	0.00	0.00	2.36	0.00	0.04	0.04	0.03	0.00	0.27
22H-3- 62	190.24	3.25	0.01	0.00	0.00	3.06	0.01	0.01	0.03	0.05	0.00	0.08
22H-3-102	190.62	2.41	0.00	0.00	0.00	1.53	0.00	0.11	0.04	0.03	0.00	0.69
22H-3-122	190.81	4.65	0.00	0.00	0.00	4.44	0.03	0.09	0.02	0.05	0.00	0.03
22H-4- 22	191.28	13.32	0.00	0.00	0.07	12.50	0.00	0.15	0.02	0.49	0.05	0.05
22H-4- 42	191.47	1.97	0.01	0.00	0.00	1.60	0.00	0.02	0.04	0.01	0.00	0.27
22H-4- 62	191.66	1.15	0.70	0.23	0.01	0.16	0.00	0.01	0.00	0.01	0.00	0.02
22H-4-102	192.04	0.71	0.04	0.06	0.02	0.21	0.00	0.00	0.00	0.00	0.00	0.37
22H-4-121	192.22	2.82	0.00	0.00	0.01	1.21	0.00	0.01	0.01	0.01	0.00	1.57
22H-5- 42	192.90	2.59	0.02	0.01	0.00	0.34	0.00	0.00	0.00	0.01	0.00	2.22
22H-5- 98	193.43	4.70	0.00	0.00	0.03	4.18	0.02	0.02	0.01	0.05	0.00	0.40
23H-1- 39	194.45	1.66	0.26	0.15	0.31	0.19	0.00	0.01	0.00	0.01	0.00	0.72
23H-2- 42	195.81	0.36	0.02	0.06	0.01	0.08	0.00	0.00	0.00	0.00	0.00	0.17
23H-2-102	196.34	1.80	0.26	0.14	0.01	0.85	0.00	0.00	0.00	0.04	0.00	0.49
23H-2-122	196.52	2.02	0.00	0.00	0.00	1.74	0.00	0.06	0.03	0.03	0.02	0.14
23H-2-142	196.70	27.31	0.10	0.00	0.00	26.02	0.00	0.00	0.41	0.15	0.00	0.62
23H-3- 42	197.14	1.25	0.33	0.04	0.03	0.58	0.00	0.00	0.00	0.00	0.00	0.27
23H-3-102	197.68	4.26	0.00	0.00	0.02	3.93	0.00	0.00	0.05	0.03	0.00	0.23
23H-3-122	197.86	4.40	0.02	0.00	0.01	4.12	0.00	0.04	0.07	0.13	0.00	0.01
23H-3-142	198.03	1.37	0.00	0.00	0.01	0.60	0.00	0.00	0.01	0.01	0.00	0.75
23H-4- 42	198.48	1.86	0.00	0.00	0.00	1.80	0.00	0.00	0.01	0.00	0.00	0.05
23H-4-102	199.01	0.64	0.01	0.01	0.00	0.38	0.00	0.00	0.00	0.01	0.01	0.23
23H-4-122	199.19	0.34	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.14	0.00	0.09
23H-4-142	199.37	0.31	0.01	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.22
23H-5- 42	199.81	3.58	0.00	0.00	0.01	2.86	0.00	0.00	0.00	0.06	0.04	0.61
23H-5-102	200.35	0.83	0.02	0.02	0.00	0.15	0.00	0.00	0.00	0.00	0.01	0.62
23H-5-122	200.53	1.06	0.04	0.53	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.46
23H-5-142	200.70	4.50	0.03	0.05	0.00	3.85	0.02	0.06	0.00	0.03	0.00	0.47
24H-1- 20	201.30	0.68	0.00	0.01	0.01	0.48	0.00	0.00	0.00	0.00	0.00	0.17
24H-1- 65	201.74	19.13	0.00	0.00	0.00	16.19	0.00	0.04	0.21	0.18	0.00	2.51
24H-1- 82	201.90	1.73	0.00	0.00	0.02	0.52	0.00	0.07	0.03	0.01	0.00	1.09
24H-1-102	202.10	0.38	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.25
24H-1-122	202.30	0.76	0.00	0.00	0.02	0.18	0.00	0.03	0.00	0.00	0.00	0.53
24H-1-134	202.41	0.69	0.03	0.02	0.02	0.03	0.00	0.00	0.00	0.00	0.00	0.58
24H-2- 65	203.21	0.60	0.04	0.03	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.37
24H-2-102	203.57	17.53	0.00	0.00	0.03	15.68	0.00	0.47	0.47	0.03	0.00	0.85
24H-2-120	203.75	17.95	0.00	0.00	0.03	17.06	0.03	0.16	0.07	0.16	0.03	0.39
24H-3- 65	204.68	1.60	0.00	0.00	0.00	0.43	0.00	0.00	0.00	0.00	0.00	1.17
24H-3- 82	204.84	0.45	0.00	0.00	0.01	0.07	0.00	0.00	0.00	0.00	0.00	0.37
24H-3-102	205.04	0.62	0.17	0.05	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.37
24H-3-122	205.27	0.71	0.01	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.62
24H-3-142	205.43	0.26	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.23
24H-4- 20	205.71	0.55	0.01	0.01	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.36
25H-1- 22	206.20	3.73	0.13	0.11	0.00	2.52	0.00	0.00	0.00	0.00	0.02	0.95
25H-1- 42	206.40	1.06	0.00	0.00	0.01	0.39	0.00	0.03	0.02	0.00	0.05	0.56
25H-1- 62	206.60	1.39	0.00	0.00	0.01	0.76	0.00	0.06	0.01	0.01	0.01	0.53
25H-1- 82	206.80	0.46	0.00	0.00	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.42
25H-1-102	207.00	0.47	0.02	0.02	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.40
25H-1-122	207.20	0.20	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.17

Table 1.4 (continued).

			Coarse fraction component analysis (wt%)									
Sample no.	Depth mbsf	>63 μm (%)	Benthic foram. (%)	Plankt. foram. (%)	Biogenic opal cf (%)	Quartz (%)	Feldspar (%)	Mica (%)	Hev. min. (%)	Rock fr. (%)	Volc. gl. (%)	Auth. (%)
25H-2- 22	207.70	0.46	0.03	0.12	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.30
25H-2- 42	207.90	1.27	0.02	0.02	0.04	0.43	0.00	0.02	0.00	0.04	0.00	0.70
25H-2- 62	208.12	0.76	0.09	0.09	0.03	0.11	0.00	0.00	0.00	0.04	0.00	0.40
25H-2- 82	208.32	4.04	0.00	0.00	0.01	3.30	0.00	0.21	0.02	0.01	0.01	0.48
25H-2-102	208.52	0.85	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.06	0.02	0.58
25H-2-142	209.10	0.44	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.38
25H-3- 22	209.20	1.30	0.00	0.00	0.00	0.74	0.00	0.00	0.00	0.00	0.00	0.55
25H-3- 42	209.40	0.71	0.08	0.08	0.00	0.03	0.00	0.00	0.00	0.05	0.00	0.47
25H-3- 62	209.60	1.62	0.03	0.00	0.03	1.23	0.00	0.01	0.00	0.00	0.00	0.33
26H-1- 22	210.71	1.41	0.02	0.01	0.01	0.56	0.00	0.01	0.01	0.00	0.00	0.81
26H-1- 42	210.91	1.34	0.01	0.01	0.00	0.58	0.00	0.00	0.00	0.13	0.00	0.61
26H-1- 62	211.10	0.72	0.00	0.00	0.01	0.13	0.00	0.00	0.00	0.00	0.00	0.57
26H-1- 82	211.30	0.91	0.02	0.00	0.05	0.03	0.00	0.01	0.00	0.04	0.01	0.76
26H-2- 22	212.17	4.51	0.71	0.28	0.00	1.65	0.00	0.01	0.00	0.00	0.00	1.85
26H-2- 42	212.36	14.04	0.00	0.06	0.00	11.67	0.00	0.06	0.00	1.67	0.31	0.28
26H-2- 62	212.56	0.88	0.14	0.08	0.00	0.41	0.00	0.00	0.00	0.00	0.00	0.24
26H-2- 82	212.75	3.88	0.00	0.01	0.00	2.93	0.00	0.08	0.01	0.70	0.14	0.01
26H-2-102	212.94	1.20	0.00	0.00	0.00	0.82	0.00	0.00	0.00	0.00	0.00	0.38
26H-2-122	213.14	0.84	0.04	0.01	0.00	0.56	0.00	0.00	0.00	0.00	0.00	0.22
26H-2-142	213.33	0.79	0.00	0.02	0.00	0.31	0.00	0.00	0.00	0.00	0.00	0.46
26H-3- 22	213.62	2.37	0.00	0.00	0.03	1.38	0.00	0.00	0.02	0.06	0.00	0.87
26H-3- 42	213.82	0.77	0.00	0.00	0.01	0.18	0.00	0.00	0.00	0.00	0.00	0.58
27H-1-102	215.30	1.33	0.12	0.06	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.41
27H-1-122	215.50	4.91	0.01	0.00	0.00	4.39	0.00	0.03	0.00	0.01	0.02	0.46
28H-1-102	217.05	4.93	0.00	0.00	0.00	4.48	0.00	0.01	0.00	0.01	0.00	0.43
28H-1-122	217.23	0.39	0.04	0.05	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.24
28H-1-142	217.42	0.69	0.09	0.02	0.00	0.44	0.00	0.00	0.00	0.01	0.00	0.12
28H-2-102	218.44	12.07	0.02	0.00	0.00	11.30	0.00	0.00	0.00	0.02	0.02	0.70
28H-2-122	218.63	0.46	0.17	0.01	0.00	0.16	0.00	0.00	0.00	0.03	0.00	0.08
28H-2-142	218.82	1.34	0.00	0.00	0.00	0.60	0.00	0.00	0.00	0.00	0.00	0.72
28H-3-102	219.84	8.38	0.05	0.00	0.00	6.69	0.00	0.15	0.00	0.01	0.00	1.47
29H-1-102	222.10	0.57	0.02	0.01	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.46
29H-1-122	222.30	0.78	0.00	0.00	0.01	0.18	0.00	0.00	0.00	0.00	0.00	0.58
29H-1-142	222.50	0.47	0.00	0.00	0.01	0.07	0.00	0.00	0.00	0.00	0.00	0.38
29H-2-102	223.60	0.51	0.00	0.00	0.01	0.03	0.00	0.01	0.00	0.00	0.00	0.47
29H-2-122	223.75	0.78	0.02	0.00	0.03	0.01	0.02	0.01	0.00	0.02	0.01	0.64
29H-2-142	223.90	0.63	0.00	0.00	0.01	0.15	0.00	0.00	0.00	0.00	0.00	0.47
29H-3-102	225.10	1.83	0.01	0.00	0.00	1.46	0.01	0.00	0.01	0.03	0.00	0.30
29H-3-122	225.30	2.22	0.00	0.00	0.00	1.52	0.00	0.00	0.00	0.00	0.00	0.70
30H-1-102	227.12	3.52	0.00	0.00	0.00	2.80	0.01	0.00	0.00	0.07	0.00	0.64
30H-1-122	227.32	4.27	0.00	0.00	0.05	2.39	0.00	0.02	0.00	0.46	0.09	1.27
30H-1-142	227.51	1.14	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.98
30H-2-102	228.60	1.16	0.13	0.16	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.84
30H-2-122	228.82	1.05	0.10	0.05	0.03	0.02	0.00	0.01	0.07	0.00	0.02	0.75
30H-2-142	229.02	1.78	0.02	0.03	0.17	0.01	0.00	0.00	0.00	0.00	0.00	1.54
30H-3-102	230.12	0.84	0.01	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.00	0.77
30H-3-122	230.32	1.90	0.00	0.00	0.21	0.29	0.00	0.05	0.00	0.15	0.30	0.89
30H-3-142	230.52	3.27	0.00	0.01	0.07	2.81	0.00	0.03	0.01	0.04	0.02	0.29
30H-4-102	231.60	1.25	0.00	0.00	0.02	0.09	0.00	0.00	0.00	0.00	0.00	1.14
30H-4-122	231.82	0.76	0.00	0.00	0.00	0.35	0.00	0.00	0.00	0.00	0.00	0.41

Table 1.4 (continued).

			Coarse fraction component analysis (wt%)									
Sample no.	Depth mbsf	>63 μm (%)	Benthic foram. (%)	Plankt. foram. (%)	Biogenic opal cf (%)	Quartz (%)	Feldspar (%)	Mica (%)	Hev. min. (%)	Rock fr. (%)	Volc. gl. (%)	Auth. (%)
30H-4-142	232.02	2.59	0.00	0.00	0.00	2.20	0.00	0.00	0.00	0.03	0.00	0.35
31H-1-102	233.10	10.19	0.00	0.00	0.08	9.58	0.00	0.00	0.02	0.08	0.00	0.43
31H-1-142	233.32	2.13	0.00	0.00	0.00	1.45	0.00	0.00	0.00	0.01	0.00	0.67
31H-2-102	234.60	1.51	0.00	0.00	0.36	0.19	0.00	0.01	0.00	0.02	0.00	0.93
31H-2-142	234.92	1.20	0.00	0.00	0.26	0.03	0.00	0.00	0.00	0.01	0.00	0.90
31H-3-102	236.12	0.84	0.00	0.00	0.11	0.12	0.00	0.00	0.00	0.00	0.00	0.60
31H-3-122	236.32	1.24	0.00	0.00	0.17	0.03	0.00	0.00	0.00	0.00	0.00	1.04
32H-2-102	240.62	1.18	0.07	0.07	0.18	0.02	0.00	0.00	0.00	0.00	0.00	0.82
32H-2-122	240.82	1.36	0.10	0.29	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.88
32H-2-142	241.02	1.36	0.16	0.15	0.13	0.03	0.00	0.00	0.00	0.00	0.00	0.88
32H-3-102	242.12	1.80	0.12	0.17	0.33	0.03	0.00	0.00	0.00	0.00	0.00	1.14
32H-3-122	242.32	2.08	0.10	0.11	0.44	0.02	0.00	0.00	0.00	0.00	0.01	1.39
32H-3-142	242.52	2.36	0.04	0.05	0.55	0.00	0.00	0.00	0.00	0.00	0.00	1.70
32H-4-102	243.60	1.35	0.12	0.12	0.12	0.01	0.00	0.00	0.00	0.00	0.00	0.95
32H-4-122	243.82	1.13	0.12	0.10	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.59
33H-1-102	244.72	3.90	0.48	0.12	0.52	0.08	0.00	0.03	0.00	0.00	0.00	2.65
33H-1-122	244.92	1.28	0.10	0.07	0.17	0.01	0.00	0.00	0.00	0.00	0.00	0.86
33H-1-142	245.12	1.66	0.16	0.07	0.17	0.05	0.00	0.00	0.00	0.00	0.00	1.22
34H-1-102	246.86	2.62	0.00	0.01	1.72	0.04	0.00	0.03	0.00	0.00	0.00	0.82
34H-1-122	247.02	1.82	0.00	0.01	1.39	0.03	0.00	0.03	0.00	0.00	0.00	0.36
34H-1-142	247.19	1.24	0.02	0.02	0.55	0.03	0.00	0.02	0.00	0.00	0.00	0.61
34H-2-102	248.12	0.80	0.02	0.00	0.34	0.01	0.00	0.00	0.00	0.00	0.00	0.43
34H-2-122	248.28	0.97	0.05	0.03	0.49	0.01	0.00	0.03	0.00	0.01	0.03	0.32
34H-2-142	248.45	1.37	0.00	0.00	0.22	0.00	0.00	0.01	0.00	0.00	0.00	1.14
34H-4-102	250.64	1.25	0.00	0.00	0.02	0.03	0.00	0.00	0.01	0.00	0.00	0.38
34H-4-122	250.80	0.80	0.05	0.13	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.58
34H-5-102	251.90	1.81	0.16	0.23	0.20	0.02	0.00	0.00	0.00	0.00	0.00	1.20
34H-5-122	252.06	1.23	0.12	0.05	0.66	0.03	0.00	0.01	0.00	0.00	0.01	0.34
34H-5-142	252.23	1.04	0.02	0.04	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.81
34H-6-102	253.16	1.02	0.07	0.29	0.19	0.01	0.00	0.00	0.00	0.00	0.00	0.47
34H-6-142	253.49	1.01	0.04	0.16	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.67

Table 1.4 (continued).

Sample no.	Depth (mbsf)	Grain amount percentages											
		Benthic foram. (%)	Plankt. foram. (%)	Rads. (%)	Diatoms (%)	Sponge spicule (%)	Quartz (%)	Feldspar (%)	Mica (%)	Hev. Min. (%)	Rock fr. (%)	Volc. gl. (%)	Auth. (%)
1H-1- 22	0.22	0.35	3.36	0.00	0.00	0.00	84.45	5.30	0.00	1.06	4.95	0.00	0.53
1H-1- 42	0.42	7.20	15.37	0.00	0.00	0.97	59.73	2.92	0.58	1.17	11.28	0.19	0.58
1H-1- 59	0.59	1.13	7.26	0.00	0.00	0.00	79.68	4.68	0.48	0.16	6.13	0.00	0.48
1H-1- 82	0.82	1.31	16.87	0.00	0.00	0.33	71.31	4.59	0.98	0.33	3.44	0.33	1.31
1H-1-102	1.02	2.92	12.18	0.00	0.00	0.16	75.16	3.73	1.14	0.97	3.25	0.00	0.16
1H-1-122	1.22	0.18	2.87	0.00	0.00	0.00	82.94	6.82	0.00	0.90	4.67	0.54	0.90
1H-1-142	1.42	2.62	3.85	0.00	0.00	0.00	78.85	6.82	0.87	0.87	5.24	0.00	0.52
1H-2- 22	1.72	3.51	19.37	0.00	0.00	0.17	66.11	4.17	0.17	0.83	5.01	0.00	0.67
1H-2- 59	2.09	0.59	3.23	0.00	0.00	0.00	81.52	4.55	1.76	1.03	6.16	0.00	0.88
1H-2- 82	2.30	2.52	9.24	0.00	0.00	0.17	76.81	5.55	0.34	0.34	4.20	0.00	0.67
1H-2-102	2.52	2.85	11.57	0.00	0.00	0.00	80.25	2.14	0.00	0.53	2.14	0.00	0.53
1H-2-122	2.72	4.78	22.73	0.00	0.00	0.00	58.81	2.97	0.99	0.33	5.27	0.16	3.62
1H-2-142	2.90	3.71	24.11	0.00	0.00	0.00	61.05	2.02	0.67	0.67	6.07	0.00	1.69
1H-3- 22	3.22	4.79	14.36	0.00	0.00	0.17	70.79	1.82	0.17	0.17	4.46	0.00	2.97
1H-3- 42	3.42	6.62	10.02	0.00	0.00	0.57	68.05	4.54	1.51	0.95	4.54	0.00	2.65
1H-3- 59	3.59	2.61	15.33	0.00	0.00	0.35	65.33	6.27	0.87	1.39	6.97	0.00	0.87
1H-3- 82	3.82	1.04	24.03	0.00	0.00	0.00	65.22	3.13	0.00	0.90	4.93	0.00	0.60
1H-3-102	4.02	0.74	2.80	0.00	0.00	0.00	81.15	7.66	0.59	0.59	5.74	0.00	0.74
1H-3-122	4.22	2.04	10.53	0.00	0.00	0.16	71.86	5.66	1.26	0.94	4.87	0.00	2.67
1H-3-142	4.42	4.87	15.59	0.00	0.00	0.00	71.73	0.78	0.39	5.65	0.00	0.00	0.97
1H-4- 22	4.72	2.03	30.81	0.00	0.00	0.00	58.49	2.58	0.74	0.55	4.06	0.74	0.00
1H-4- 42	4.92	1.79	13.69	0.00	0.00	0.00	72.82	6.55	0.00	0.79	3.37	0.20	0.79
1H-4- 59	5.09	1.96	23.18	0.00	0.00	0.00	61.30	7.47	0.98	0.39	4.32	0.00	0.39
1H-4- 82	5.30	3.41	25.19	0.00	0.00	0.00	64.20	2.27	0.76	0.00	3.60	0.00	0.57
1H-4-102	5.52	1.37	21.88	0.00	0.00	0.00	67.38	1.17	1.17	0.39	5.86	0.39	0.39
1H-4-122	5.72	2.13	24.61	0.00	0.00	0.00	66.28	1.36	2.52	0.58	1.94	0.00	0.58
1H-5- 22	6.22	0.57	27.27	0.00	0.00	0.00	67.05	0.57	0.76	0.57	2.84	0.00	0.38
1H-5- 42	6.42	0.97	29.46	0.00	0.00	0.00	64.53	1.55	0.39	0.78	2.13	0.00	0.19
1H-5- 59	6.59	1.14	22.35	0.00	0.00	0.19	65.72	3.41	1.89	0.38	4.55	0.00	0.38
1H-5- 82	6.82	2.52	57.77	0.00	0.00	0.00	34.03	1.68	1.47	0.00	2.31	0.00	0.21
1H-5-102	7.02	0.98	12.52	0.00	0.00	0.00	77.10	4.50	2.54	0.20	1.76	0.00	0.00
1H-5-122	7.22	4.05	13.71	0.00	0.00	0.00	70.85	1.16	0.39	2.51	7.14	0.00	0.19
1H-5-142	7.42	2.69	42.12	0.00	0.00	0.00	50.77	1.73	0.38	0.19	2.12	0.00	0.00
1H-6- 22	7.72	2.07	26.55	0.00	0.00	0.00	65.35	1.51	3.01	0.00	1.32	0.00	0.19
1H-6- 42	7.92	2.63	28.90	0.00	0.00	0.16	62.73	1.97	1.15	0.33	1.81	0.00	0.16
1H-6- 59	8.04	2.29	18.55	0.00	0.00	0.00	72.66	2.87	1.34	0.76	0.96	0.00	0.38
1H-6- 82	8.30	8.69	36.23	0.00	0.00	0.00	49.54	2.03	0.92	0.18	2.22	0.00	0.00
1H-6-102	8.52	4.91	25.90	0.00	0.00	0.19	64.46	1.70	1.32	0.57	0.76	0.00	0.19
1H-6-122	8.72	0.86	19.83	0.00	0.00	0.00	63.62	6.38	0.34	0.86	8.10	0.00	0.00
1H-6-142	8.90	1.93	40.90	0.00	0.00	0.64	49.60	3.06	0.64	0.16	2.74	0.00	0.16
2H-1- 22	9.42	3.06	43.55	0.00	0.00	0.00	39.35	1.61	0.97	0.97	9.52	0.00	0.65
2H-1- 42	9.62	2.54	35.51	0.00	0.00	0.00	53.80	1.63	1.09	0.54	4.89	0.00	0.00
2H-1- 62	9.82	0.00	0.54	0.00	0.00	0.00	82.25	4.53	1.27	1.63	8.33	0.00	1.45
2H-1- 82	10.02	1.28	31.87	0.00	0.00	0.18	61.36	1.65	0.73	0.92	1.28	0.00	0.73
2H-1-104	10.24	2.60	38.10	0.00	0.00	1.49	48.14	1.67	0.93	1.12	4.65	0.00	0.37
2H-1-122	10.42	1.36	62.18	0.00	0.00	0.00	31.97	1.56	0.00	0.19	2.53	0.00	0.00
2H-1-142	10.62	2.55	86.27	0.00	0.00	0.00	10.20	0.20	0.39	0.00	0.39	0.00	0.00
2H-2- 22	10.92	2.52	94.60	0.00	0.00	0.18	2.34	0.00	0.18	0.00	0.18	0.00	0.00
2H-2- 62	11.32	2.32	43.12	0.00	0.00	0.00	45.77	3.32	0.33	1.66	3.48	0.00	0.00
2H-2- 82	11.52	1.09	35.45	0.00	0.00	0.00	60.00	0.36	0.18	0.36	2.18	0.00	0.36

Table 1.4 (continued).

		Grain amount percentages											
Sample no.	Depth (mbsf)	Benthic foram. (%)	Plankt. foram. (%)	Rads. (%)	Diatoms (%)	Sponge spicule (%)	Quartz (%)	Feldspar (%)	Mica (%)	Hev. Min. (%)	Rock fr. (%)	Volc. gl. (%)	Auth. (%)
2H-2-104	11.74	3.31	93.77	0.00	0.00	0.19	2.33	0.00	0.00	0.39	0.00	0.00	0.00
2H-2-122	11.90	1.49	64.74	0.00	0.00	0.19	31.16	0.93	0.56	0.37	0.19	0.00	0.37
2H-2-142	12.12	1.88	84.96	0.00	0.00	0.00	9.96	0.38	2.82	0.00	0.00	0.00	0.00
2H-3- 22	12.42	3.91	87.71	0.00	0.00	0.37	6.52	0.00	0.00	0.00	1.49	0.00	0.00
2H-3- 42	12.62	5.37	87.59	0.00	0.00	0.93	3.89	0.00	0.93	0.19	0.74	0.00	0.19
2H-3- 62	12.82	3.57	47.93	0.00	0.00	1.13	42.67	0.00	1.50	0.19	2.82	0.00	0.19
2H-3- 82	13.02	0.18	11.13	0.00	0.00	0.18	71.99	5.39	7.36	1.08	1.97	0.00	0.72
2H-3-104	13.22	0.18	3.10	0.00	0.00	0.00	79.38	6.39	5.47	1.46	3.65	0.00	0.36
2H-3-122	13.42	0.54	2.86	0.00	0.00	0.00	77.28	8.41	6.80	0.72	2.86	0.00	0.54
2H-4- 22	13.92	0.00	2.66	0.00	0.00	0.00	79.47	5.32	9.32	0.95	1.33	0.00	0.95
2H-4- 42	14.12	1.62	15.14	0.00	0.00	0.00	67.21	4.32	5.77	0.90	2.88	0.00	2.16
2H-4- 62	14.32	1.62	18.18	0.00	0.00	0.00	71.31	0.81	4.24	0.81	1.82	0.00	1.21
2H-4- 82	14.52	3.04	8.50	0.00	0.00	0.00	81.17	1.21	3.24	0.61	1.82	0.00	0.40
2H-4-104	14.74	0.00	0.00	0.00	0.00	0.00	88.60	1.40	0.40	1.60	7.60	0.00	0.40
2H-4-122	14.90	0.54	23.41	0.00	0.00	0.00	52.09	1.09	16.88	1.45	3.99	0.00	0.54
2H-4-142	15.12	1.56	11.07	0.00	0.00	0.00	78.89	1.04	5.71	0.35	1.21	0.00	0.17
2H-5- 22	15.42	0.38	13.36	0.00	0.00	0.00	61.64	0.38	17.75	1.15	4.01	0.00	1.34
2H-5- 42	15.62	2.41	9.14	0.00	0.00	0.00	75.69	1.03	2.76	0.69	7.59	0.00	0.69
2H-5- 62	15.82	1.36	20.97	0.00	0.00	0.19	63.88	2.33	6.60	0.78	3.30	0.00	0.58
3H-1- 22	16.42	4.67	25.43	0.00	0.00	0.17	56.40	1.21	4.15	1.04	5.88	0.00	0.87
3H-1- 42	16.62	1.39	25.91	0.00	0.00	0.00	61.91	1.74	3.65	0.52	4.52	0.00	0.35
3H-1- 62	16.82	4.28	45.17	0.00	0.00	0.00	38.10	0.93	4.83	1.30	5.02	0.00	0.37
3H-1- 82	17.02	0.19	7.45	0.00	0.00	0.00	77.65	1.49	2.23	0.37	8.19	0.00	2.42
3H-1-102	17.22	5.95	31.41	0.00	0.00	0.00	56.13	1.12	1.49	0.74	2.97	0.00	0.19
3H-1-122	17.40	1.86	46.79	0.00	0.00	0.00	41.72	1.01	5.74	0.68	1.69	0.00	0.51
3H-1-142	17.60	1.10	5.85	0.00	0.00	0.00	87.75	1.10	0.55	0.55	2.74	0.00	0.37
3H-2- 22	17.92	1.15	7.29	0.19	0.00	0.00	79.46	1.92	4.03	0.58	4.41	0.00	0.96
3H-2- 42	18.12	1.10	9.17	0.00	0.00	0.18	78.53	1.65	4.04	1.83	2.75	0.00	0.73
3H-2- 62	18.32	0.19	18.60	0.00	0.00	0.57	69.26	2.47	6.07	0.19	1.90	0.00	0.76
3H-2- 82	18.52	0.19	19.46	0.00	0.00	0.39	70.04	1.36	1.95	0.58	6.03	0.00	0.00
3H-2-102	18.72	4.75	38.42	0.00	0.00	0.00	53.66	0.79	0.79	0.00	0.99	0.00	0.59
3H-2-122	18.90	3.75	80.86	0.00	0.00	0.00	10.13	0.56	0.56	0.00	3.38	0.00	0.75
3H-2-142	19.12	2.65	13.10	0.00	0.00	0.00	69.73	3.01	3.36	1.24	5.84	0.00	1.06
3H-3- 22	19.42	0.59	22.50	0.00	0.00	0.00	70.65	2.35	0.78	0.20	2.94	0.00	0.00
3H-3- 42	19.62	1.09	61.05	0.00	0.00	0.00	26.63	0.18	2.72	0.18	5.07	0.00	2.90
3H-3- 62	19.82	1.31	60.37	0.00	0.00	0.19	29.53	1.12	1.87	0.37	3.36	0.00	1.87
3H-3- 82	20.02	3.14	83.36	0.00	0.00	0.55	8.69	0.00	1.29	0.00	2.40	0.00	0.37
3H-3-102	20.20	1.52	56.38	0.00	0.00	0.00	30.48	0.57	6.86	1.14	2.86	0.00	0.19
3H-4- 22	20.42	0.18	6.61	0.00	0.00	0.00	61.65	2.39	1.83	0.92	25.32	0.00	1.10
3H-4- 42	21.12	1.12	39.44	0.00	0.00	0.00	50.65	1.31	0.56	0.19	4.67	0.00	0.00
3H-4- 62	21.32	1.81	23.73	0.00	0.00	0.00	62.50	1.45	2.17	1.99	5.07	0.00	1.27
3H-4- 82	21.52	1.35	21.28	0.00	0.00	0.00	67.31	1.74	1.74	0.97	5.03	0.00	0.58
3H-4-102	21.72	1.98	29.25	0.00	0.00	0.00	64.82	1.58	0.59	1.19	0.00	0.00	0.20
3H-4-122	21.90	1.84	60.59	0.00	0.00	0.18	33.15	0.37	1.29	0.18	2.39	0.00	0.00
3H-5- 22	22.43	3.97	81.10	0.00	0.00	0.57	11.15	0.19	1.51	0.00	1.51	0.00	0.00
3H-5- 42	22.62	0.40	36.36	0.00	0.00	0.00	41.21	0.40	0.20	0.40	18.99	0.00	0.00
3H-5- 62	22.82	0.19	0.58	0.00	0.00	0.58	82.43	2.51	10.42	0.39	2.32	0.00	0.39
3H-5- 82	23.02	2.83	19.81	0.00	0.00	0.00	67.17	1.32	4.72	0.19	3.77	0.00	0.19
3H-5-102	23.22	0.00	9.62	0.00	0.00	0.00	77.55	2.26	3.58	0.75	5.47	0.00	0.75
3H-5-122	23.40	0.78	5.64	0.00	0.00	0.00	82.10	1.95	3.89	1.36	4.09	0.00	0.19

Table 1.4 (continued).

		Grain amount percentages											
Sample no.	Depth (mbsf)	Benthic foram. (%)	Plankt. foram. (%)	Rads. (%)	Diatoms (%)	Sponge spicule (%)	Quartz (%)	Feldspar (%)	Mica (%)	Hev. Min. (%)	Rock fr. (%)	Volc. gl. (%)	Auth. (%)
3H-5-142	23.60	1.98	28.26	0.00	0.00	1.38	55.53	0.00	4.94	0.00	1.19	0.00	5.93
3H-6- 22	23.99	0.36	0.36	0.00	0.00	0.00	85.07	1.62	3.06	0.36	8.81	0.00	0.36
3H-7- 22	25.42	7.05	36.35	0.00	0.00	0.18	48.28	1.45	0.90	0.54	4.52	0.00	0.54
4H-1- 22	25.92	2.03	5.75	0.00	0.00	0.00	79.86	2.71	1.52	0.68	6.60	0.00	0.85
4H-1- 42	26.12	4.35	17.77	0.00	0.00	0.00	72.78	0.00	4.35	0.00	0.38	0.00	0.38
4H-1- 62	26.32	6.01	29.05	0.00	0.00	0.00	50.25	1.50	0.50	0.00	8.18	0.00	4.34
4H-1- 82	26.52	10.76	45.49	0.00	0.00	0.00	38.02	0.87	2.95	0.35	1.39	0.00	0.17
4H-1-102	26.72	18.06	50.87	0.00	0.00	0.19	24.08	0.00	3.11	0.00	1.36	0.00	2.33
4H-1-122	26.90	5.25	23.81	0.00	0.00	0.00	55.50	2.13	1.48	0.49	7.06	0.00	4.27
4H-1-142	27.12	5.61	25.44	0.00	0.00	0.00	55.96	1.58	0.00	0.00	9.30	1.23	0.70
4H-2- 22	27.42	0.63	31.60	0.00	0.00	0.79	57.03	2.84	1.90	0.32	4.74	0.00	0.00
4H-2- 42	27.62	0.16	19.81	0.00	0.00	0.00	67.35	3.65	1.74	0.95	5.55	0.00	0.79
4H-2- 62	27.82	0.00	3.44	0.00	0.00	0.00	78.78	3.44	2.10	0.38	11.09	0.00	0.19
4H-2- 82	28.02	4.20	77.33	0.00	0.00	0.00	14.81	0.37	0.73	0.00	2.38	0.00	0.00
4H-2-102	28.22	1.60	34.75	0.00	0.00	0.00	54.96	1.60	3.37	0.18	3.55	0.00	0.00
4H-2-122	28.40	2.04	57.04	0.00	0.00	0.00	33.52	1.30	1.30	0.37	4.07	0.00	0.19
4H-2-142	28.60	3.56	5.99	0.00	0.00	0.00	76.78	2.25	0.75	0.37	8.99	0.00	1.12
4H-3- 22	28.92	0.00	0.19	0.00	0.00	0.00	86.60	2.72	1.17	0.19	7.38	0.00	1.75
4H-3- 42	29.12	0.00	0.00	0.00	0.00	0.00	80.65	3.07	1.53	0.38	5.36	0.00	9.00
4H-3- 62	29.32	0.00	0.00	0.00	0.00	0.20	80.67	1.38	11.83	0.39	2.56	0.00	2.96
4H-3- 82	29.52	3.63	7.07	0.00	0.00	0.00	76.86	0.76	8.03	1.53	0.96	0.00	1.15
4H-3-102	29.72	1.39	4.55	0.00	0.00	0.20	86.14	0.79	4.36	0.59	1.19	0.00	0.79
4H-3-122	29.90	0.00	0.00	0.00	0.00	0.00	83.24	0.56	6.21	2.07	3.01	0.00	4.90
4H-3-142	30.12	7.30	6.23	0.00	0.00	0.00	80.78	0.00	0.89	0.71	3.74	0.00	0.36
4H-4- 22	30.42	8.82	13.23	0.00	0.00	0.00	53.07	0.63	0.63	0.94	11.18	0.00	11.34
4H-4- 42	30.62	2.29	7.05	0.00	0.00	0.00	83.24	0.00	0.95	0.38	3.24	0.00	2.86
4H-4- 62	30.82	11.85	8.66	0.00	0.00	0.00	61.52	2.40	0.93	0.53	5.86	0.00	7.72
4H-4- 82	31.02	36.82	15.60	0.00	0.00	0.00	26.05	0.62	0.47	0.16	5.77	0.00	14.04
4H-4-102	31.22	4.46	13.63	0.00	0.00	0.00	65.06	1.49	0.50	0.99	8.05	0.00	4.83
4H-4-122	31.40	0.18	0.54	0.00	0.00	0.00	76.34	5.38	0.18	0.72	14.16	0.18	2.33
4H-4-142	31.60	1.88	13.72	0.00	0.00	0.00	65.04	2.07	2.26	0.56	7.52	0.00	6.95
4H-5- 22	31.92	7.56	15.29	0.00	0.00	0.00	62.03	0.17	1.37	0.86	10.14	0.00	2.41
4H-5- 42	32.12	9.23	42.00	0.00	0.00	0.00	46.52	0.00	0.00	0.19	1.69	0.00	0.38
4H-5- 62	32.32	14.39	25.42	0.00	0.00	0.93	33.27	0.37	0.75	0.37	18.88	0.00	5.61
4H-5- 82	32.52	1.33	4.73	0.00	0.00	0.38	89.96	0.00	0.76	0.57	0.38	0.00	1.14
4H-5-102	32.72	0.19	0.19	0.00	0.00	0.00	89.53	1.74	0.00	1.74	5.81	0.00	0.78
4H-5-122	32.92	0.38	3.64	0.00	0.00	0.00	92.15	0.00	0.57	0.57	2.11	0.00	0.57
4H-5-142	33.12	0.20	0.20	0.00	0.00	0.00	90.04	1.17	3.13	1.56	3.52	0.00	0.20
5H-1- 22	35.42	4.08	28.16	0.00	0.00	0.00	54.95	0.58	4.47	0.39	7.18	0.00	0.19
5H-1- 42	35.62	2.03	50.00	0.00	0.00	0.00	43.36	0.00	1.29	0.37	2.95	0.00	0.00
5H-1- 62	35.82	0.38	1.52	0.00	0.00	0.00	90.51	1.33	2.47	1.90	1.52	0.00	0.38
5H-1- 82	36.02	0.20	1.38	0.00	0.00	0.00	92.69	0.00	2.77	0.20	2.17	0.00	0.59
5H-1-102	36.22	0.00	0.00	0.00	0.00	0.00	80.39	1.18	1.37	1.18	4.51	0.00	10.59
5H-1-122	36.40	0.00	0.19	0.00	0.00	0.00	93.67	0.00	0.00	0.00	0.74	0.19	4.66
5H-1-141	36.60	0.00	0.00	0.00	0.00	0.00	85.99	0.58	6.33	0.77	3.07	0.00	2.88
5H-2- 22	36.92	0.00	0.00	0.00	0.00	0.00	81.34	1.01	2.64	0.61	4.87	0.20	9.33
5H-2- 42	37.12	0.00	0.00	0.00	0.00	0.00	91.22	0.00	0.00	0.00	0.38	0.19	7.06
5H-2- 62	37.32	5.27	15.23	0.00	0.00	0.00	73.63	0.00	3.13	0.00	1.17	0.00	1.56
5H-2- 82	37.52	1.32	0.00	0.75	0.00	0.57	83.58	0.19	0.00	0.00	0.57	0.00	12.45
5H-2-102	37.72	0.00	1.52	0.00	0.00	0.00	86.93	1.14	2.08	0.95	5.49	0.00	1.14

Table 1.4 (continued).

		Grain amount percentages											
Sample no.	Depth (mbsf)	Benthic foram. (%)	Plankt. foram. (%)	Rads. (%)	Diatoms (%)	Sponge spicule (%)	Quartz (%)	Feldspar (%)	Mica (%)	Hev. Min. (%)	Rock fr. (%)	Volc. gl. (%)	Auth. (%)
5H-2-137	38.07	0.57	3.26	0.00	0.00	0.19	79.31	1.15	0.96	0.57	7.47	0.00	6.13
5H-3- 22	38.42	0.16	5.04	0.00	0.00	0.00	71.81	1.42	2.36	0.47	7.72	0.00	10.71
5H-3- 42	38.62	0.00	7.43	0.00	0.00	0.00	83.70	0.00	0.72	0.00	1.45	0.18	6.34
5H-3- 62	38.82	0.90	11.26	0.00	0.00	0.00	53.90	1.05	0.60	1.05	9.76	0.00	21.17
5H-3- 82	39.02	0.20	0.60	0.00	0.00	0.00	85.31	0.00	1.41	0.00	0.20	0.20	12.07
5H-3-102	39.22	2.43	8.52	0.00	0.00	0.20	69.57	0.41	2.43	0.61	8.72	0.00	7.10
5H-3-122	39.40	0.92	3.51	0.00	0.00	0.00	82.47	0.00	0.55	0.00	4.06	0.00	8.49
5H-3-137	39.60	1.06	9.73	0.00	0.00	0.00	61.24	1.59	1.24	0.88	8.14	0.00	16.11
5H-4- 22	39.92	1.56	6.84	0.00	0.00	0.00	73.63	0.59	1.95	0.39	5.27	0.20	9.57
5H-4- 42	40.12	1.13	7.32	0.00	0.00	0.00	52.35	0.00	0.00	0.00	36.02	0.38	2.81
5H-4- 62	40.32	1.11	3.14	0.00	0.00	0.00	62.55	3.69	2.77	0.37	13.84	0.00	12.36
5H-4- 82	40.52	6.60	6.41	0.39	0.00	0.00	62.52	0.00	0.39	0.00	17.09	0.00	6.60
5H-4-102	40.72	0.39	0.97	0.00	0.00	0.00	16.15	0.19	0.39	0.19	4.47	0.00	77.04
5H-4-122	40.90	1.47	5.34	0.00	0.00	0.00	84.90	0.00	0.18	0.00	3.68	0.00	4.42
5H-4-137	41.07	1.35	3.29	0.00	0.00	0.00	74.08	0.58	1.74	0.19	6.58	0.77	11.41
5H-5- 22	41.42	0.00	2.84	0.00	0.00	0.00	80.68	0.95	3.03	0.38	7.39	0.76	3.98
5H-5- 42	41.62	1.12	4.10	0.00	0.00	0.00	84.14	0.00	1.49	0.00	0.75	0.00	8.40
5H-5- 62	41.82	0.00	4.70	0.00	0.00	0.00	78.95	0.75	2.63	1.32	8.27	0.00	3.20
5H-5- 82	42.02	0.20	0.00	0.00	0.00	0.00	97.04	0.00	0.00	0.39	0.20	0.00	2.17
5H-5-102	42.22	0.00	0.00	0.00	0.00	0.00	89.76	1.20	1.61	0.60	6.02	0.00	0.80
5H-5-122	42.40	0.18	0.18	0.00	0.00	0.00	92.42	0.00	0.54	0.00	0.72	0.36	5.60
5H-5-141	42.64	0.00	0.20	0.00	0.00	0.00	91.07	1.59	2.38	0.40	3.97	0.00	0.40
6H-1- 22	44.92	2.19	24.50	0.00	0.00	0.00	58.76	0.80	5.78	0.00	4.98	0.00	2.59
6H-1- 59	45.29	0.77	7.88	0.00	0.00	0.00	89.62	0.00	0.38	0.00	0.77	0.00	0.58
6H-1- 78	45.48	0.00	0.00	0.00	0.00	0.00	91.28	0.37	0.93	1.67	3.53	0.00	2.23
6H-1-101	45.71	0.00	0.00	0.00	0.00	0.00	95.11	0.00	0.00	0.00	2.15	0.20	2.54
6H-1-122	45.90	0.00	0.00	0.00	0.00	0.00	89.73	4.26	0.78	0.39	4.46	0.00	0.39
6H-1-142	46.12	0.56	4.45	0.00	0.00	0.00	82.00	0.00	0.37	0.00	0.93	0.00	11.69
6H-2- 22	46.42	9.15	41.16	0.00	0.00	0.00	43.24	0.42	3.95	0.00	1.87	0.00	0.21
6H-2- 59	46.79	0.00	0.20	0.00	0.00	0.00	94.69	0.00	0.98	0.00	0.39	0.00	3.74
6H-2- 78	46.92	0.39	5.79	0.00	0.00	0.00	87.84	0.77	1.54	0.58	2.70	0.00	0.39
6H-2-102	47.21	10.46	34.22	0.00	0.00	0.00	49.05	0.00	0.38	0.00	0.00	0.00	5.89
6H-2-122	47.48	5.44	57.28	0.00	0.00	0.00	26.41	0.39	0.97	0.19	6.02	0.00	3.30
6H-2-142	47.62	3.10	44.89	0.00	0.00	0.00	49.27	0.00	0.00	0.36	0.00	0.00	2.37
6H-3- 22	47.92	0.98	35.55	0.00	0.00	0.00	54.10	0.59	2.73	0.39	5.27	0.00	0.20
6H-3- 59	48.29	0.73	9.87	0.00	0.00	0.00	85.92	0.18	0.73	0.00	0.00	0.00	2.56
6H-3- 78	48.48	2.84	47.78	0.00	0.00	0.00	46.36	1.07	0.71	0.18	0.71	0.00	0.36
6H-3-101	48.71	0.00	0.00	0.00	0.00	0.00	93.74	2.02	2.02	1.01	1.21	0.00	0.00
6H-3-122	48.90	0.73	37.16	0.00	0.00	0.73	55.56	0.73	3.10	0.36	0.91	0.00	0.36
6H-3-142	49.12	1.34	14.97	0.00	0.00	0.00	81.00	0.19	0.19	0.00	0.00	0.00	2.30
6H-4- 22	49.42	3.60	59.66	0.00	0.00	0.00	34.47	0.38	0.38	0.38	0.38	0.00	0.00
6H-4- 42	49.62	2.50	87.31	0.00	0.00	0.00	8.46	0.00	0.77	0.00	0.00	0.00	0.96
6H-4- 59	49.79	1.95	60.75	0.00	0.00	0.81	32.74	0.33	0.00	0.33	0.65	0.00	1.14
6H-4- 78	49.98	5.62	92.39	0.00	0.00	0.36	0.91	0.00	0.00	0.00	0.00	0.00	0.18
6H-4-101	50.21	8.02	81.56	0.00	0.00	0.00	8.22	0.00	1.60	0.00	0.00	0.00	0.20
6H-4-117	50.37	3.09	94.00	0.00	0.00	0.00	2.51	0.00	0.00	0.00	0.00	0.00	0.19
6H-5- 22	50.92	2.99	14.76	0.00	0.00	0.00	78.44	0.17	1.33	0.17	1.66	0.00	0.50
6H-5- 59	51.29	3.09	25.64	0.00	0.00	0.18	68.18	0.00	0.00	0.00	0.00	0.00	2.91
6H-5- 78	51.48	4.06	6.70	0.00	0.00	0.00	83.25	0.35	2.12	0.35	1.41	0.00	1.76
6H-5-101	51.71	8.10	18.83	0.00	0.00	0.00	70.43	0.00	0.00	0.00	0.00	0.00	2.64

Table 1.4 (continued).

		Grain amount percentages											
Sample no.	Depth (mbsf)	Benthic foram. (%)	Plankt. foram. (%)	Rads. (%)	Diatoms (%)	Sponge spicule (%)	Quartz (%)	Feldspar (%)	Mica (%)	Hev. Min. (%)	Rock fr. (%)	Volc. gl. (%)	Auth. (%)
6H-5-122	51.90	0.19	0.95	0.00	0.00	0.00	90.48	0.57	0.95	1.14	1.14	0.00	4.57
6H-5-142	52.12	11.74	28.22	0.00	0.00	0.19	56.25	0.00	0.00	0.00	0.00	0.00	3.60
6H-6- 22	52.42	0.00	0.51	0.00	0.00	0.00	92.18	1.02	1.87	1.02	1.02	0.00	2.38
6H-6- 42	52.62	0.57	0.38	0.00	0.00	0.00	94.64	0.00	0.00	0.38	0.19	0.00	3.83
6H-6- 59	52.79	11.55	66.34	0.00	0.00	0.00	19.37	0.00	0.98	0.00	0.78	0.00	0.39
6H-6- 78	52.98	3.75	75.74	0.00	0.00	0.00	20.12	0.00	0.00	0.00	0.00	0.00	0.39
6H-6-101	53.21	6.13	72.74	0.00	0.00	0.00	16.77	0.00	0.81	0.16	0.32	0.00	1.45
7H-1- 22	54.42	0.72	13.20	0.00	0.00	0.00	74.50	0.36	7.96	0.00	1.81	0.00	1.27
7H-1- 42	54.62	0.40	0.59	0.00	0.00	0.00	96.64	0.00	0.00	0.00	0.00	0.00	2.37
7H-1- 64	54.85	0.00	0.75	0.00	0.00	0.00	83.58	0.56	13.62	0.19	1.12	0.00	0.19
7H-1- 83	55.03	0.00	1.86	0.00	0.00	0.00	95.73	0.00	0.00	0.00	0.00	0.00	2.23
7H-2- 22	55.42	0.36	0.90	0.00	0.00	0.18	79.60	0.36	5.60	1.08	0.90	0.00	10.83
7H-2- 42	56.13	0.00	0.00	0.00	0.00	0.00	97.07	0.00	0.00	0.00	0.59	0.00	1.95
7H-2- 63	56.33	9.69	22.66	0.00	0.00	0.00	56.72	0.00	6.09	0.63	1.41	0.00	2.81
7H-2- 83	56.53	0.00	0.00	0.00	0.00	0.00	96.38	0.38	0.00	0.00	0.19	0.00	2.48
7H-3- 22	57.42	3.19	22.65	0.00	0.00	0.00	64.43	0.00	3.99	0.00	1.44	0.00	4.31
7H-3- 42	57.62	12.15	35.24	0.00	0.00	0.00	38.54	0.00	0.52	0.00	0.17	0.00	13.37
7H-3- 64	57.85	0.00	0.00	0.00	0.19	0.00	92.60	0.57	3.04	0.76	0.38	0.00	2.47
7H-3- 83	58.03	7.79	16.81	0.18	0.00	0.00	61.95	0.00	1.59	0.00	0.18	0.00	11.33
7H-4- 22	58.92	0.00	0.00	0.00	0.00	0.00	94.63	0.20	3.38	0.40	1.19	0.00	0.20
7H-4- 42	59.13	17.01	42.43	0.00	0.00	0.00	34.77	0.00	0.19	0.00	0.00	0.00	5.42
7H-4- 65	59.35	4.04	19.08	0.00	0.00	0.00	70.46	0.00	1.47	1.10	1.10	0.00	2.75
7H-4- 86	59.56	11.55	16.25	0.00	0.00	0.18	67.69	0.00	0.00	0.00	0.00	0.00	4.33
8H-1- 21	63.91	3.60	21.58	0.00	0.00	0.00	68.88	0.00	1.08	0.36	1.62	0.00	2.34
8H-1- 40	64.11	1.14	3.42	0.00	0.00	0.00	93.16	0.00	0.19	0.00	0.00	0.00	2.09
8H-1- 58	64.29	13.29	63.02	0.00	0.00	0.00	21.54	0.00	0.90	0.18	0.36	0.00	0.00
8H-1-102	64.72	0.97	3.68	0.00	0.00	0.00	93.60	0.00	0.00	0.00	0.00	0.00	1.74
8H-2- 21	65.41	5.88	12.63	0.00	0.00	0.00	72.45	0.14	7.46	0.29	0.86	0.00	0.14
8H-2- 40	65.60	3.55	32.09	0.00	0.00	0.00	62.23	0.00	0.18	0.00	0.35	0.00	1.24
8H-2- 59	65.70	13.48	75.84	0.00	0.00	0.00	4.49	0.00	6.18	0.00	0.00	0.00	0.00
8H-2- 82	66.00	1.48	5.55	0.00	0.00	0.00	90.39	0.00	0.00	0.00	0.00	0.00	2.59
8H-2-102	66.22	5.62	41.16	0.00	0.00	0.00	51.81	0.00	0.00	0.60	0.40	0.00	0.20
8H-2-122	66.42	10.20	45.08	0.00	0.00	0.00	40.25	0.00	0.36	0.00	0.00	0.00	3.84
8H-2-142	66.62	4.20	41.22	0.00	0.00	0.00	53.63	0.19	0.19	0.19	0.00	0.00	0.38
8H-3- 20	66.90	7.50	40.77	0.00	0.00	0.00	49.04	0.00	0.19	0.00	0.19	0.00	1.73
8H-3- 40	67.11	0.38	4.41	0.00	0.00	0.00	86.02	0.38	5.36	0.19	0.77	0.00	2.30
8H-3- 60	67.37	11.73	51.58	0.00	0.00	0.00	34.26	0.00	0.00	0.00	0.00	0.00	2.23
8H-3- 82	67.50	7.57	35.63	0.00	0.00	0.00	53.70	0.17	1.89	0.00	0.52	0.17	0.17
8H-3-102	67.72	2.91	21.68	0.00	0.00	0.00	61.02	0.73	2.00	0.73	8.93	0.00	1.64
8H-3-122	67.90	5.49	20.51	0.00	0.00	0.00	59.89	0.00	5.13	0.55	7.51	0.00	0.92
8H-3-142	68.10	7.31	82.31	0.00	0.00	0.00	9.18	0.00	0.00	0.00	0.00	0.00	1.19
8H-4- 22	68.43	2.33	7.59	0.00	0.00	0.00	82.68	0.58	0.39	0.19	5.06	0.00	1.17
8H-4- 42	68.62	0.95	4.73	0.00	0.00	0.00	91.68	0.00	0.38	0.19	0.00	0.00	1.89
8H-5- 22	69.92	2.03	3.33	0.00	0.00	0.00	85.95	0.55	0.37	0.55	5.36	0.00	1.85
8H-5- 42	70.13	0.95	7.18	0.00	0.00	0.00	89.22	0.00	0.38	0.00	0.00	0.00	2.08
8H-5- 60	70.30	0.00	0.19	0.00	0.00	0.00	88.45	0.57	0.38	0.76	7.77	0.00	1.89
8H-5- 82	70.52	1.45	0.55	0.00	0.00	0.00	88.00	0.00	9.36	0.00	0.00	0.00	9.45
8H-5-102	70.72	8.78	34.23	0.00	0.00	0.00	53.41	0.00	0.36	0.18	0.00	0.00	3.05
8H-5-122	70.92	0.99	1.32	0.00	0.00	0.17	86.42	1.82	0.99	0.50	6.95	0.00	0.66
8H-5-142	71.12	1.86	10.99	0.00	0.00	0.00	84.36	0.00	0.37	0.00	0.00	0.00	2.42

Table 1.4 (continued).

		Grain amount percentages											
Sample no.	Depth (mbsf)	Benthic foram. (%)	Plankt. foram. (%)	Rads. (%)	Diatoms (%)	Sponge spicule (%)	Quartz (%)	Feldspar (%)	Mica (%)	Hev. Min. (%)	Rock fr. (%)	Volc. gl. (%)	Auth. (%)
8H-6- 22	71.42	11.85	29.08	0.00	0.00	0.00	48.00	0.31	0.77	1.54	6.92	0.00	1.08
8H-6- 42	71.62	4.75	15.14	0.00	0.00	0.00	76.41	0.35	0.18	0.00	0.00	0.00	2.99
8H-6- 60	71.80	14.62	58.35	0.00	0.00	0.89	10.64	0.15	0.30	0.00	3.25	0.00	10.34
9H-1- 22	73.43	3.03	77.78	0.00	0.00	0.00	12.12	0.87	0.00	0.00	3.75	0.00	2.16
9H-1- 40	73.60	0.97	61.01	0.00	0.00	0.00	34.70	0.00	0.00	0.00	0.00	0.00	2.92
9H-1- 59	73.79	3.87	92.44	0.18	0.00	0.70	0.70	0.00	0.00	0.00	0.00	0.00	1.23
9H-1- 82	74.02	6.30	87.57	0.00	0.00	0.00	1.93	0.00	0.00	0.00	0.00	0.00	2.98
9H-1-102	74.22	8.52	75.19	0.00	0.00	0.00	2.27	0.00	0.00	0.00	0.57	0.00	12.88
9H-1-123	74.43	13.67	17.97	0.00	0.00	0.00	18.36	0.00	0.00	0.00	0.00	0.00	49.02
9H-1-142	74.62	0.90	2.25	0.00	0.00	0.00	73.46	0.90	15.89	1.20	4.50	0.00	0.90
9H-2- 23	74.93	0.38	4.95	0.00	0.00	0.00	88.19	0.00	0.19	0.57	0.00	0.00	5.52
9H-2- 40	75.10	2.81	16.14	0.00	0.00	0.00	79.17	0.56	0.00	0.00	0.94	0.00	0.19
9H-2- 59	75.29	0.95	9.51	0.00	0.00	0.00	85.36	0.00	0.76	0.38	0.00	0.00	3.04
9H-2- 82	75.52	0.74	4.28	0.00	0.00	0.00	87.71	0.74	4.84	0.56	0.37	0.00	0.74
9H-2-102	75.72	2.09	10.82	0.00	0.00	0.00	83.68	0.00	0.19	0.19	0.38	0.00	2.09
9H-2-123	75.93	2.55	35.09	0.00	0.00	0.00	53.11	0.16	4.31	0.16	1.59	0.00	2.55
9H-2-142	76.12	0.32	6.87	0.00	0.00	0.00	80.99	0.16	10.22	0.00	0.64	0.00	0.64
9H-3- 23	76.43	8.43	77.25	0.00	0.00	1.57	1.18	0.00	4.12	0.00	0.78	0.00	5.29
9H-3- 40	76.60	6.76	55.67	0.00	0.00	0.00	1.99	0.00	0.00	0.00	0.00	0.00	35.19
9H-3- 59	76.79	4.10	55.61	0.00	0.00	0.36	21.75	0.00	1.25	0.00	1.07	0.00	14.97
9H-3- 82	77.02	3.33	48.92	0.00	0.00	0.00	35.03	0.00	0.00	0.00	0.00	0.00	12.72
9H-3-102	77.22	6.21	44.33	0.18	0.00	0.35	14.01	0.18	0.71	0.18	0.71	0.00	33.16
9H-3-123	77.43	13.90	61.14	0.00	0.00	0.00	15.05	0.00	0.19	0.00	0.00	0.00	9.71
9H-3-142	77.62	0.00	0.00	0.00	0.00	0.37	89.44	0.93	2.22	0.00	5.19	0.00	1.85
9H-4- 23	78.43	0.38	31.57	0.00	0.00	0.00	63.14	0.00	0.19	0.19	0.00	0.19	4.35
9H-4- 40	78.60	0.37	0.55	0.00	0.00	0.00	87.48	1.10	0.74	0.74	6.45	0.00	2.58
9H-4- 59	78.79	0.78	15.63	0.00	0.00	0.00	76.76	0.00	2.15	0.00	0.00	0.78	3.91
9H-4- 82	79.02	1.83	11.16	0.00	0.00	0.20	78.70	0.41	2.23	0.00	3.45	0.00	1.83
9H-4-102	79.22	0.56	2.23	0.00	0.00	0.00	84.01	0.93	1.30	0.93	6.32	0.00	3.72
9H-5- 23	79.93	10.73	60.15	0.00	0.00	0.00	7.85	0.00	3.07	0.19	0.57	0.00	16.67
9H-5- 40	80.10	4.40	4.40	0.00	0.00	0.00	70.05	0.00	1.18	0.17	0.85	0.00	15.91
9H-5- 59	80.29	0.00	0.78	0.00	0.00	0.00	90.12	0.39	5.23	0.19	0.19	0.00	3.10
9H-5- 82	80.52	0.17	1.04	0.00	0.00	0.00	72.37	1.21	15.89	1.21	6.91	0.00	1.21
9H-5-102	80.72	0.00	0.55	0.00	0.00	0.00	88.64	0.37	3.85	0.18	0.00	0.00	6.04
9H-5-123	80.93	0.17	0.33	0.00	0.00	0.00	80.07	0.50	1.33	1.50	15.28	0.00	0.83
10H-2- 22	84.42	3.15	53.50	0.00	0.00	0.00	32.87	0.17	0.35	0.35	6.12	0.00	2.27
10H-2- 41	84.61	10.31	46.50	0.00	0.00	0.00	41.44	0.00	0.19	0.19	0.78	0.00	0.39
10H-2- 57	84.78	5.18	79.65	0.38	0.00	0.00	11.52	0.00	0.96	0.00	0.00	0.00	1.92
10H-2-101	85.22	0.57	15.28	0.19	0.00	0.00	79.81	0.00	0.57	0.00	0.19	0.00	3.40
10H-2-121	85.42	1.32	74.18	0.00	0.00	0.00	22.04	0.00	0.66	0.00	0.16	0.00	1.15
10H-2-142	85.63	0.77	94.23	0.38	0.00	0.19	0.96	0.00	0.19	0.00	0.00	0.00	2.88
10H-3- 22	85.92	24.25	46.43	0.00	0.00	0.38	2.63	0.00	0.56	0.00	0.38	0.00	24.62
10H-3- 41	86.11	4.75	8.37	0.00	0.00	0.00	5.13	0.00	0.19	0.00	0.00	0.00	80.99
10H-3- 57	86.28	10.52	86.81	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	1.60
10H-3- 78	86.48	7.29	38.04	0.23	0.00	0.00	18.91	0.00	0.23	0.00	0.00	0.00	34.40
10H-3-101	86.71	2.93	90.63	0.00	0.00	0.20	0.59	0.00	0.39	0.00	0.00	0.00	4.69
10H-3-121	86.92	2.97	70.69	0.19	0.00	2.23	1.11	0.00	0.00	0.00	0.00	0.00	20.96
10H-3-142	87.12	0.00	0.36	0.00	0.00	0.55	79.78	0.55	13.84	0.36	2.91	0.00	1.64
10H-4- 21	87.42	0.99	95.20	0.00	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.00	2.81
10H-4- 41	87.61	30.21	37.67	0.00	0.00	0.19	10.13	0.00	4.21	0.00	0.38	0.00	15.68

Table 1.4 (continued).

Sample no.	Depth (mbsf)	Grain amount percentages											
		Benthic foram. (%)	Plankt. foram. (%)	Rads. (%)	Diatoms (%)	Sponge spicule (%)	Quartz (%)	Feldspar (%)	Mica (%)	Hev. Min. (%)	Rock fr. (%)	Volc. gl. (%)	Auth. (%)
10H-4- 57	87.78	0.19	0.39	0.00	0.00	0.19	93.06	0.00	0.00	0.00	0.00	0.19	5.97
10H-4- 78	87.98	0.65	2.43	0.00	0.00	0.49	68.93	0.00	25.89	0.49	0.49	0.00	0.65
10H-4-101	88.22	1.17	1.17	0.00	0.00	0.20	93.36	0.00	2.15	0.00	0.00	0.00	1.95
10H-4-121	88.41	0.98	1.96	0.00	0.00	0.00	86.69	0.20	1.17	0.39	2.15	0.00	6.46
10H-5- 21	88.91	10.87	64.09	0.00	0.00	0.18	10.68	0.00	8.66	0.55	2.58	0.00	2.21
10H-5- 41	89.11	0.58	4.22	0.00	0.00	0.00	87.72	0.00	0.77	0.00	0.00	0.00	6.14
10H-5- 57	89.28	9.63	75.00	0.16	0.00	0.00	12.11	0.00	0.78	0.16	0.47	0.00	0.78
10H-5- 78	89.48	3.05	14.67	0.00	0.00	0.19	57.33	0.00	0.19	0.00	0.00	0.00	24.19
10H-5-101	89.71	2.55	22.99	0.00	0.00	0.18	67.15	0.36	2.92	0.55	1.09	0.00	2.19
10H-5-121	89.92	12.96	35.38	0.00	0.00	0.00	39.20	0.00	0.17	0.00	0.17	0.00	10.30
10H-6- 21	90.42	0.36	5.25	0.00	0.00	0.18	72.28	0.36	19.75	0.54	0.91	0.00	0.36
10H-6- 41	90.62	4.14	31.16	0.00	0.00	0.00	51.08	0.20	11.05	0.59	0.39	0.00	0.59
11H-1- 22	92.42	0.95	1.89	0.00	0.00	0.00	90.36	0.57	2.08	0.38	1.51	0.00	1.89
11H-1- 42	92.62	0.77	1.15	0.00	0.00	1.35	92.50	0.00	1.15	0.00	0.19	0.00	2.88
11H-1- 60	92.80	0.77	0.38	0.00	0.00	0.00	87.74	0.57	6.51	1.34	1.34	0.00	1.34
11H-1- 81	93.01	0.38	0.00	0.00	0.00	0.19	91.83	0.57	0.57	0.00	0.57	0.00	5.89
11H-1-100	93.20	1.93	52.53	0.00	0.00	0.30	39.58	0.15	1.04	0.30	1.04	0.00	2.98
11H-1-122	93.40	2.67	10.50	0.00	0.00	0.38	80.34	0.19	0.38	0.00	0.00	0.00	5.53
11H-1-142	93.62	3.77	11.80	0.00	0.00	0.00	76.89	0.16	1.64	0.82	1.15	0.00	3.61
11H-2- 22	93.92	3.37	50.89	0.00	0.00	1.19	37.03	0.00	0.20	0.00	0.00	0.00	7.13
11H-2- 39	94.09	1.37	94.51	0.00	0.00	0.00	2.94	0.00	0.78	0.00	0.00	0.00	0.20
11H-2- 63	94.33	2.32	77.18	0.00	0.00	0.58	17.21	0.00	0.19	0.00	0.00	0.00	2.13
11H-2- 81	94.51	6.91	45.30	0.00	0.00	0.00	45.30	0.00	0.38	0.19	0.19	0.00	1.54
11H-2-100	94.70	2.61	43.47	0.00	0.00	0.75	50.37	0.00	0.00	0.00	0.00	0.00	2.80
11H-2-122	94.92	16.31	72.82	0.00	0.00	0.16	6.59	0.00	0.33	0.00	0.49	0.00	3.13
11H-2-142	95.14	24.13	37.85	0.00	0.00	0.17	16.69	0.00	0.17	0.00	0.00	0.17	19.81
11H-3- 22	95.42	18.59	19.57	0.00	0.00	0.00	53.78	0.00	1.15	0.16	0.99	0.00	5.76
11H-3- 42	95.62	3.64	3.07	0.00	0.00	0.00	87.55	0.00	1.15	0.00	0.00	0.00	4.41
11H-3- 60	95.80	3.96	2.52	0.00	0.00	0.00	84.89	0.00	6.47	0.90	0.90	0.00	0.18
11H-3- 81	96.01	0.19	0.38	0.00	0.00	0.00	94.43	0.00	0.77	0.00	0.19	0.00	4.03
11H-3-100	96.20	0.36	0.00	0.00	0.00	0.00	91.37	0.18	2.34	0.54	3.60	0.00	1.62
11H-3-122	96.40	1.35	0.00	0.00	0.00	0.00	94.61	0.00	0.51	0.00	0.00	0.00	3.54
11H-3-142	96.62	3.48	2.38	0.00	0.00	0.00	84.07	0.00	4.21	1.10	2.56	0.00	2.20
11H-4- 22	96.92	4.17	27.46	0.00	0.00	0.00	62.69	0.00	0.19	0.19	0.00	0.00	3.22
11H-4- 42	97.14	5.21	25.85	0.00	0.00	0.36	56.73	0.54	8.44	0.36	1.44	0.00	0.36
11H-4- 60	97.30	4.84	25.58	0.00	0.00	0.00	61.24	0.00	0.19	0.00	0.00	0.19	7.95
11H-4- 81	97.51	8.63	62.05	0.00	0.00	0.00	22.09	0.00	5.22	0.00	2.01	0.00	0.00
11H-4-100	97.70	0.00	0.19	0.00	0.00	0.00	93.43	0.00	1.13	0.00	0.19	0.56	4.50
11H-4-122	97.92	0.20	0.00	0.00	0.00	0.00	92.43	0.00	4.29	0.41	2.25	0.00	0.41
11H-4-142	98.14	0.58	2.31	0.00	0.00	0.19	93.85	0.00	0.96	0.00	0.00	0.19	1.92
11H-5- 22	98.42	7.88	58.18	0.00	0.00	0.00	28.28	0.00	2.02	0.81	2.83	0.00	0.00
11H-5- 42	98.62	0.20	0.20	0.00	0.00	0.00	96.67	0.00	0.59	0.20	0.00	0.00	2.16
11H-5- 60	98.80	6.97	61.22	0.00	0.00	0.13	27.76	0.00	0.89	0.25	2.28	0.13	0.38
11H-5- 88	99.08	0.93	2.04	0.00	0.00	0.00	94.06	0.00	0.37	0.00	0.00	0.19	2.41
11H-5-100	99.30	0.19	0.56	0.00	0.00	0.00	88.87	0.93	1.48	0.74	5.57	0.19	1.48
11H-5-122	99.52	1.08	8.08	0.00	0.00	0.00	85.10	0.18	0.00	0.00	0.00	0.00	4.67
11H-6- 22	99.92	11.86	73.98	0.00	0.00	0.00	10.80	0.00	1.06	0.00	0.00	0.00	1.77
11H-6- 42	100.14	1.31	5.79	0.00	0.00	0.00	83.55	0.37	0.00	0.00	0.00	1.31	7.10
11H-6- 60	100.30	8.70	86.58	0.00	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00	2.84
11H-6- 88	100.58	10.19	83.96	0.19	0.00	0.38	0.57	0.00	0.00	0.00	0.00	0.00	3.96

Table 1.4 (continued).

Sample no.	Depth (mbsf)	Grain amount percentages											
		Benthic foram. (%)	Plankt. foram. (%)	Rads. (%)	Diatoms (%)	Sponge spicule (%)	Quartz (%)	Feldspar (%)	Mica (%)	Hev. Min. (%)	Rock fr. (%)	Volc. gl. (%)	Auth. (%)
11H-6-122	100.92	9.82	73.94	0.55	0.00	0.00	0.68	0.00	0.00	0.00	0.00	0.00	14.05
11H-6-142	101.14	13.61	78.13	0.00	0.00	0.46	0.31	0.00	0.00	0.00	0.00	0.00	6.88
11H-7- 22	101.42	11.87	75.18	0.90	0.00	0.54	1.08	0.00	0.00	0.00	0.00	0.00	8.81
12H-1- 22	101.91	0.58	0.39	0.00	0.00	0.58	94.40	0.00	2.90	0.00	0.77	0.00	0.39
12H-1- 42	102.10	0.88	0.53	0.18	0.00	0.00	87.81	0.00	0.35	0.18	0.53	0.00	9.36
12H-1- 62	102.30	8.43	50.76	0.00	0.00	0.17	36.93	0.00	0.34	0.00	0.17	0.00	2.19
12H-1- 82	102.49	8.56	76.14	0.00	0.00	0.36	11.29	0.00	0.00	0.00	0.00	0.00	3.10
12H-1-102	102.68	9.01	71.11	0.00	0.00	0.19	8.26	0.00	0.19	0.00	0.00	0.00	11.26
12H-1-122	102.87	0.86	8.58	0.00	0.00	0.00	75.64	0.00	0.17	0.00	6.35	0.34	8.06
12H-1-143	103.06	0.00	2.28	0.00	0.00	0.00	92.47	0.53	0.18	0.00	0.00	0.18	4.20
12H-2- 22	103.35	0.00	0.00	0.00	0.00	0.00	94.22	0.00	2.45	0.00	0.00	0.18	3.15
12H-2- 42	103.54	0.19	0.00	0.00	0.00	0.00	55.18	0.00	0.00	0.00	0.00	0.00	44.44
12H-2- 62	103.74	0.00	0.00	0.00	0.00	0.34	83.82	0.00	0.00	0.00	6.47	0.17	9.20
12H-2- 82	103.93	0.00	0.39	0.00	0.00	0.00	91.91	0.00	0.00	0.00	0.00	0.39	7.32
12H-2-102	104.12	4.32	82.88	0.00	0.00	0.00	3.20	0.00	0.00	0.00	0.48	1.92	6.72
12H-2-122	104.31	0.96	79.89	0.00	0.00	0.38	1.72	0.00	0.19	0.00	0.00	0.00	16.48
12H-2-142	104.50	3.39	8.91	0.42	0.14	0.28	48.09	0.00	0.00	0.14	1.13	0.71	36.49
12H-3- 22	104.79	0.00	0.75	0.00	0.00	0.00	93.14	0.15	0.00	0.00	0.15	0.15	5.66
12H-3- 42	104.98	3.47	43.75	0.00	0.00	0.00	42.53	0.00	1.74	0.69	4.34	0.00	3.30
12H-3- 62	105.18	0.14	7.30	0.00	0.00	0.00	61.94	0.00	0.14	0.00	0.00	0.00	30.48
12H-3- 82	105.37	0.37	0.00	0.00	0.00	0.00	67.41	0.00	0.93	0.00	2.96	0.56	27.78
12H-3-102	105.56	0.00	0.19	0.00	0.00	0.00	42.11	0.19	0.00	0.00	0.00	0.00	57.52
12H-3-122	105.75	17.70	13.76	0.00	0.00	1.69	2.53	0.00	0.00	0.00	0.56	0.00	58.71
12H-3-142	105.94	0.00	0.00	0.00	0.00	0.00	91.26	0.00	0.56	0.00	0.56	0.00	7.62
12H-4- 22	106.23	12.65	18.67	0.00	0.00	7.56	0.00	0.00	0.77	0.00	0.00	0.00	60.19
12H-4- 42	106.42	13.20	30.49	0.19	0.00	1.55	8.16	0.00	0.00	0.00	0.00	0.19	45.24
12H-4- 62	106.62	10.03	50.82	0.00	0.00	4.77	0.99	0.00	1.97	0.00	0.00	1.15	29.44
12H-4- 82	106.81	50.88	21.41	0.00	0.00	10.41	6.88	0.00	0.59	0.00	0.00	0.20	7.27
12H-4-102	107.00	0.94	1.31	0.19	0.00	0.75	89.89	0.00	0.37	0.37	1.69	0.00	4.49
12H-5- 22	107.67	0.00	0.00	0.00	0.00	0.38	93.41	0.00	0.38	0.38	2.26	0.19	3.01
12H-5- 42	107.86	1.90	3.62	0.00	0.00	1.14	81.14	0.00	0.38	0.76	1.33	0.00	9.71
12H-5- 62	108.06	1.76	7.65	0.00	0.00	3.33	69.22	0.00	0.00	0.00	0.20	0.00	17.84
12H-5- 82	108.25	3.60	5.94	0.18	0.00	3.60	3.60	0.00	0.00	0.00	0.00	65.83	16.91
12H-5-102	108.44	0.20	0.00	0.00	0.00	1.20	82.16	0.00	0.60	0.00	0.20	1.20	14.43
12H-5-122	108.63	0.20	0.20	0.00	0.00	1.96	82.97	0.00	0.59	0.00	0.20	0.00	13.89
12H-5-142	108.82	0.00	0.19	0.00	0.00	0.00	96.47	0.00	0.00	0.56	0.93	0.00	1.86
12H-6- 22	109.11	0.00	1.56	0.00	0.00	1.76	90.04	0.00	0.78	0.20	0.20	0.00	5.47
12H-6- 42	109.30	0.17	0.17	0.00	0.00	0.17	92.28	0.00	0.00	0.17	0.69	0.00	6.35
12H-6- 62	109.50	1.06	16.23	0.00	0.00	0.00	62.08	0.00	0.00	0.00	0.18	0.00	20.28
12H-6- 82	109.69	11.42	78.28	0.37	0.00	0.56	2.43	0.00	0.19	0.00	0.00	0.00	6.74
12H-6-106	109.88	4.29	89.74	0.00	0.00	1.31	0.00	0.00	0.00	0.00	0.00	0.19	3.36
12H-6-122	110.07	2.36	89.62	2.20	0.00	0.94	0.47	0.00	0.00	0.00	0.00	0.16	2.99
12H-6-142	110.26	3.38	86.12	0.00	0.00	0.38	0.75	0.00	0.00	0.00	0.00	0.00	6.75
12H-7- 22	110.55	2.54	60.98	0.36	0.00	0.18	0.18	0.00	0.00	0.00	0.00	0.00	34.48
12H-7- 42	110.74	2.85	75.48	0.00	0.00	0.19	0.19	0.00	0.00	0.00	0.00	0.00	20.15
13H-1- 21	111.40	5.31	76.19	0.37	0.00	0.00	4.76	0.00	0.00	0.18	0.00	0.00	11.90
13H-1- 62	111.81	16.11	61.65	0.18	0.00	0.00	5.43	0.00	0.00	0.00	0.00	0.00	16.29
13H-1- 82	112.00	18.46	60.04	0.00	0.00	0.00	7.10	0.00	0.00	0.20	0.00	0.00	13.79
13H-1-102	112.20	22.32	45.00	0.89	0.00	0.89	6.61	0.00	0.18	0.00	4.11	0.00	18.39
13H-1-122	112.40	12.37	37.97	0.17	0.00	0.00	23.05	0.51	0.17	0.17	3.73	0.00	20.85

Table 1.4 (continued).

Sample no.	Depth (mbsf)	Grain amount percentages											
		Benthic foram. (%)	Plankt. foram. (%)	Rads. (%)	Diatoms (%)	Sponge spicule (%)	Quartz (%)	Feldspar (%)	Mica (%)	Hev. Min. (%)	Rock fr. (%)	Volc. gl. (%)	Auth. (%)
13H-1-145	112.62	25.53	37.80	0.32	0.00	0.16	21.65	0.48	0.00	0.00	2.58	0.00	10.66
13H-2- 21	112.88	0.79	0.00	0.00	0.00	0.20	96.83	0.00	0.40	0.20	1.19	0.00	0.40
13H-2- 42	113.08	0.00	0.00	0.00	0.00	0.00	96.79	0.00	0.20	0.80	1.81	0.00	0.40
13H-2- 62	113.28	6.02	3.41	0.00	0.00	0.98	87.80	0.00	0.33	0.16	0.16	0.00	0.98
13H-2- 82	113.47	1.91	1.34	0.19	0.00	0.19	49.43	0.00	0.00	0.00	0.00	0.57	46.37
13H-2-102	113.67	0.79	0.00	0.20	0.00	0.00	94.06	0.00	0.00	0.00	0.00	0.00	4.95
13H-2-122	113.87	19.50	5.88	0.00	0.00	0.00	55.80	0.00	0.67	0.17	0.34	0.00	17.65
13H-3- 21	114.35	0.20	0.20	0.00	0.00	0.00	95.84	0.00	0.00	0.99	0.59	0.00	2.18
13H-3-145	114.58	0.00	0.20	0.59	0.00	0.00	88.26	0.00	1.17	0.78	7.05	0.00	1.96
13H-4- 21	115.82	1.31	0.00	0.00	0.00	0.00	94.93	0.00	0.00	1.50	1.50	0.00	0.75
13H-4- 42	116.02	23.23	10.24	0.00	0.00	0.00	58.27	0.00	0.00	0.39	1.77	0.00	5.71
13H-4- 62	116.22	16.63	29.25	0.00	0.00	0.00	51.82	0.00	0.19	0.76	0.00	0.00	0.96
13H-4- 82	116.41	2.34	0.39	0.00	0.00	0.00	94.14	0.00	0.59	1.17	0.78	0.00	0.59
13H-4-102	116.61	7.62	4.83	0.00	0.00	0.00	86.06	0.00	0.19	0.93	0.37	0.00	0.00
13H-4-122	116.81	0.19	0.00	0.19	0.00	0.00	91.85	0.00	0.56	1.30	0.56	0.00	5.37
13H-5- 21	117.29	16.28	3.02	0.00	0.00	0.00	45.97	0.17	0.00	0.50	6.04	0.00	28.02
13H-5- 42	117.49	3.88	0.00	0.00	0.00	0.00	74.31	2.03	0.00	1.85	13.49	0.18	4.25
13H-5- 62	117.69	3.51	0.15	0.00	0.00	0.00	77.71	5.80	3.82	1.53	5.65	0.00	1.83
13H-5- 86	117.92	0.00	0.19	0.00	0.00	0.00	96.11	0.00	0.00	0.58	1.56	0.00	1.56
13H-6- 21	118.76	30.00	7.88	0.00	0.00	0.00	32.31	0.00	0.00	0.00	0.00	0.00	29.42
13H-6- 42	118.96	22.84	5.04	0.00	0.00	0.00	11.33	0.00	0.00	0.00	0.00	0.00	60.79
13H-6- 62	119.16	41.46	16.70	0.00	0.00	0.00	8.44	0.00	0.19	0.00	0.00	0.00	32.65
13H-6- 82	119.35	23.57	14.14	0.00	0.00	0.41	2.46	0.00	0.00	0.00	0.00	0.00	59.02
13H-7- 21	119.56	3.65	14.74	0.15	0.15	1.46	17.66	0.00	0.15	0.44	0.44	0.15	61.02
13H-7- 42	119.77	0.00	0.17	0.00	0.00	0.00	91.39	0.00	1.18	0.68	1.69	0.68	4.22
13H-7- 62	119.96	12.85	46.67	0.00	0.00	0.00	1.63	0.00	0.49	0.98	0.16	0.16	35.77
13H-7- 84	120.16	4.50	51.33	0.00	0.00	0.00	5.17	0.00	0.00	0.00	0.17	0.00	38.83
13H-7-102	120.35	31.88	44.58	0.00	0.00	0.42	8.54	0.00	0.00	0.63	0.21	0.00	13.75
13H-7-122	120.55	32.61	43.81	0.00	0.00	0.20	0.98	0.00	0.00	0.00	0.00	0.00	20.63
14H-1- 21	120.91	10.53	3.83	0.00	0.00	0.00	73.39	0.00	0.00	0.20	0.40	0.00	11.69
14H-1- 41	121.11	0.74	0.18	0.00	0.00	0.00	92.99	0.00	0.00	0.00	1.29	0.00	4.80
14H-1- 62	121.32	0.00	0.00	0.00	0.00	0.00	94.68	0.00	0.00	0.57	0.19	0.00	4.56
14H-1- 82	121.52	0.00	0.14	0.00	0.00	0.00	74.04	2.88	1.24	0.69	8.10	0.69	12.23
14H-1-102	121.73	1.92	0.59	0.00	0.00	0.00	65.24	1.33	0.15	1.04	9.02	0.30	20.41
14H-1-123	121.93	0.13	0.00	0.00	0.00	0.00	71.31	3.89	1.74	0.27	6.97	0.00	15.68
14H-2- 82	123.02	0.36	0.00	0.00	0.00	0.00	77.31	3.63	2.90	1.09	8.89	0.18	5.63
14H-2-103	123.23	0.15	0.45	0.00	0.00	0.00	82.93	4.38	3.78	0.60	6.04	0.00	1.51
14H-2-123	123.43	0.58	0.00	0.00	0.00	0.00	83.31	4.32	2.01	0.14	7.34	0.00	1.87
14H-2-142	123.62	6.41	0.00	0.00	0.00	0.00	90.29	0.00	0.00	0.97	1.55	0.00	0.78
14H-3- 21	123.91	0.00	0.00	0.00	0.00	0.00	95.33	0.58	0.39	0.97	1.75	0.00	0.97
14H-3- 41	124.11	1.20	0.00	0.00	0.00	0.40	95.01	0.00	0.60	0.00	0.60	0.00	2.00
14H-3- 62	124.32	5.73	0.40	0.00	0.00	0.00	69.37	0.00	0.00	0.59	0.00	0.00	23.52
14H-3- 82	124.52	0.60	0.00	0.00	0.00	0.40	89.38	0.00	1.20	0.80	0.60	0.00	7.01
14H-3-103	124.72	0.19	0.00	0.00	0.00	0.19	84.03	0.95	1.33	0.95	9.13	0.00	3.23
14H-3-123	124.93	23.21	0.12	0.00	0.00	0.49	18.35	0.24	1.94	0.00	0.97	0.00	54.68
14H-4- 21	125.41	0.15	0.00	0.00	0.00	0.31	85.47	1.53	1.38	0.76	7.34	0.00	3.06
14H-4- 62	125.82	0.44	0.15	0.00	0.00	0.00	81.07	0.89	0.44	0.74	6.07	0.00	10.21
14H-4- 82	126.02	52.84	3.18	0.00	0.00	0.00	7.69	0.00	0.33	0.50	3.51	0.00	29.93
14H-5- 21	126.91	17.21	2.58	0.17	0.00	0.00	38.38	0.17	0.17	0.34	2.07	0.00	38.21
14H-5- 41	127.11	5.22	0.16	0.00	0.16	0.00	76.58	1.11	0.95	2.06	6.01	0.00	7.59

Table 1.4 (continued).

Sample no.	Depth (mbsf)	Grain amount percentages											
		Benthic foram. (%)	Plankt. foram. (%)	Rads. (%)	Diatoms (%)	Sponge spicule (%)	Quartz (%)	Feldspar (%)	Mica (%)	Hev. Min. (%)	Rock fr. (%)	Volc. gl. (%)	Auth. (%)
14H-5- 62	127.32	0.00	0.00	0.00	0.00	0.00	81.68	2.70	1.80	1.05	11.71	0.15	0.90
14H-5- 82	127.52	2.73	0.00	0.00	0.00	0.00	76.57	1.77	0.00	0.48	13.80	0.00	4.65
14H-5-103	127.72	42.35	0.78	0.00	0.00	0.00	24.12	0.39	0.39	0.20	2.35	0.00	25.88
14H-5-123	127.93	22.43	0.56	0.00	0.00	0.00	74.95	0.00	0.00	0.19	0.56	0.00	1.12
14H-5-142	128.12	6.16	0.00	0.00	0.00	0.00	90.41	0.00	0.51	0.51	0.86	0.00	1.54
14H-C- 15	128.35	3.39	0.00	0.00	0.00	0.00	76.58	1.08	0.15	0.62	9.71	0.00	8.47
15H-1- 22	130.42	3.33	0.62	0.00	0.00	0.00	87.11	0.00	0.42	0.00	1.66	4.16	2.70
15H-1- 42	130.62	16.64	11.21	0.00	0.00	0.00	22.24	0.18	0.00	0.00	0.00	0.18	48.82
15H-1- 62	130.82	1.72	0.00	0.00	0.00	0.00	78.14	0.69	0.00	1.38	8.78	0.00	9.29
15H-1- 82	131.02	1.06	0.18	0.00	0.00	0.18	85.19	0.35	0.35	1.23	8.82	0.00	2.47
15H-1-102	131.22	6.43	0.71	0.00	0.14	3.57	52.71	0.71	0.86	0.57	2.71	0.14	30.43
15H-1-122	131.42	10.90	1.60	0.00	0.16	1.12	34.94	1.12	0.16	0.16	1.44	0.00	48.24
15H-1-142	131.62	0.15	1.21	0.00	0.00	0.61	70.91	1.52	0.15	0.45	5.15	0.00	19.85
15H-2- 22	131.92	0.79	0.63	0.00	0.00	0.16	64.83	0.79	0.16	0.32	4.42	0.00	27.60
15H-2- 42	132.12	0.00	0.15	0.00	0.00	0.00	86.59	2.47	0.31	0.15	5.55	0.00	4.78
15H-2- 62	132.32	1.54	0.00	0.00	0.00	0.19	50.39	0.39	0.39	0.00	2.12	3.47	41.31
15H-2- 82	132.52	0.00	0.00	0.00	0.00	0.00	46.82	1.55	0.34	0.34	1.03	1.89	48.02
15H-2-102	132.72	0.00	0.00	0.00	0.00	0.00	80.06	1.59	0.43	0.87	4.91	0.58	11.56
15H-2-122	132.92	0.00	0.18	0.00	0.00	0.00	75.00	0.00	0.54	0.36	0.00	0.00	23.91
15H-2-142	133.12	0.40	0.00	0.60	0.00	0.00	50.80	0.00	0.20	0.00	0.20	0.00	47.79
15H-3- 42	133.42	13.19	51.83	0.00	0.00	0.00	2.01	0.00	0.00	0.00	0.18	0.00	31.32
15H-3- 62	133.62	32.10	41.09	0.71	0.00	0.00	2.29	0.00	0.00	0.00	0.88	0.00	22.93
15H-3- 82	133.82	28.35	14.96	0.18	0.00	0.18	2.99	0.00	0.00	0.00	0.35	19.19	30.46
15H-3-102	134.02	10.28	32.01	0.17	0.33	0.83	4.48	0.00	0.00	0.00	0.50	0.66	49.75
15H-3-122	134.22	4.23	5.85	0.00	0.00	0.40	71.98	0.00	0.00	0.00	2.02	0.00	15.12
15H-3-142	134.42	0.71	3.70	0.00	0.00	0.88	30.16	0.53	0.00	0.88	1.76	0.00	61.02
15H-4- 22	134.92	5.12	0.76	0.19	0.00	9.87	31.69	0.00	0.57	0.38	0.19	0.00	50.85
15H-4- 42	135.12	0.00	0.00	0.22	0.00	0.00	13.93	0.22	0.00	0.22	1.35	0.00	77.75
15H-4- 62	135.32	2.36	0.73	0.00	0.00	0.18	70.96	1.45	0.00	0.73	6.17	0.73	16.52
15H-4- 82	135.52	2.78	0.56	0.00	0.00	2.04	47.22	0.74	0.00	0.56	6.48	0.93	37.22
15H-4-102	135.72	1.10	0.73	0.00	0.00	0.18	70.93	0.55	0.18	0.55	7.31	0.00	18.28
15H-4-122	135.92	1.59	14.66	0.00	0.18	1.77	9.19	0.00	0.35	0.00	0.00	1.59	70.67
15H-5- 22	136.42	10.71	6.88	0.00	0.00	1.34	5.93	0.00	0.00	0.38	0.19	0.00	74.57
15H-5- 62	136.62	7.30	24.72	0.00	0.00	0.94	1.50	0.00	0.00	0.00	0.00	0.00	62.55
15H-5- 82	136.82	11.13	19.64	0.00	0.00	1.21	2.02	0.00	0.00	0.00	0.00	0.00	65.59
15H-5-102	137.02	11.87	5.06	0.00	0.00	1.05	2.62	0.00	0.00	0.00	0.00	0.17	77.49
15H-5-122	137.22	13.04	2.46	0.00	0.00	2.27	2.65	0.19	0.00	0.00	0.00	0.00	79.40
15H-5-142	137.42	3.56	0.99	0.00	0.00	1.98	9.31	0.40	0.00	0.00	0.20	0.00	83.37
15H-6- 22	137.92	10.72	6.96	0.00	0.00	0.97	25.35	1.11	0.00	1.25	2.37	16.30	34.96
15H-6- 42	138.12	6.17	4.90	0.00	0.00	2.18	19.24	0.91	0.00	0.00	1.27	0.73	64.07
15H-6- 62	138.32	1.52	0.38	0.00	0.00	0.00	79.47	2.85	0.00	0.95	9.89	0.00	4.56
15H-6- 82	138.52	1.62	0.54	0.00	0.00	0.00	73.69	1.80	0.18	1.80	6.31	0.36	13.33
15H-7- 22	139.42	1.94	0.49	0.00	0.00	0.00	54.05	0.81	0.81	1.94	5.34	1.13	33.17
15H-7- 42	139.62	0.20	0.00	0.00	0.00	0.00	73.44	0.59	0.00	0.78	8.40	0.00	16.60
15H-7- 62	139.82	0.00	0.00	0.00	0.00	0.19	90.38	1.32	0.19	1.32	4.53	0.00	2.08
16H-1- 23	139.93	1.30	0.93	0.00	0.00	0.00	88.87	0.74	0.37	0.00	3.90	0.00	3.90
16H-1-102	140.72	11.24	44.94	0.00	0.00	0.00	2.09	0.00	0.48	0.00	1.44	0.00	12.20
16H-1-120	140.90	17.44	63.52	0.00	0.00	0.36	0.36	0.00	0.00	0.00	0.00	0.00	9.96
16H-1-142	141.12	13.54	56.85	0.51	0.00	0.68	0.34	0.00	0.00	0.00	0.34	0.00	19.46
16H-2- 23	141.43	0.00	0.74	0.00	0.00	0.00	69.89	1.12	5.02	0.19	1.12	0.00	21.93

Table 1.4 (continued).

Sample no.	Depth (mbsf)	Grain amount percentages											
		Benthic foram. (%)	Plankt. foram. (%)	Rads. (%)	Diatoms (%)	Sponge spicule (%)	Quartz (%)	Feldspar (%)	Mica (%)	Hev. Min. (%)	Rock fr. (%)	Volc. gl. (%)	Auth. (%)
16H-2-102	142.02	10.71	60.97	0.00	0.00	0.00	1.55	0.00	0.00	0.00	0.17	0.00	26.08
16H-2-120	142.20	1.72	2.66	0.00	0.00	0.00	64.32	1.88	0.94	0.00	7.82	0.00	20.50
16H-2-142	142.42	2.02	0.55	0.00	0.00	0.00	83.64	0.55	3.86	1.10	1.10	0.00	7.17
16H-3- 23	142.93	1.13	4.21	0.00	0.00	0.16	53.07	0.65	0.16	1.29	10.03	2.10	27.18
16H-3-102	143.72	14.58	13.09	0.00	0.11	1.84	29.28	0.23	0.46	0.46	5.86	1.72	30.20
16H-3-120	143.90	10.61	8.44	0.41	0.14	42.18	0.82	0.00	1.09	0.14	1.22	0.41	34.01
16H-3-142	144.12	12.31	17.68	0.00	0.00	23.05	1.91	0.00	0.35	0.00	2.43	0.00	41.77
16H-4- 23	144.43	22.49	3.72	0.00	0.00	14.90	2.29	0.00	0.29	0.00	0.57	0.14	54.58
16H-4-102	145.02	3.76	49.06	0.00	0.00	2.56	1.03	0.00	0.17	0.00	0.51	0.00	42.22
16H-4-120	145.20	6.06	39.93	0.53	0.00	1.43	20.68	0.71	0.18	0.00	1.96	0.00	26.38
16H-5- 23	145.93	1.22	26.15	0.00	0.00	1.99	44.50	1.07	0.00	0.31	5.20	0.15	19.11
16H-5-102	146.72	26.66	18.05	0.00	0.00	3.48	5.79	0.50	0.00	0.00	1.82	0.50	42.88
16H-5-120	146.92	35.60	23.19	0.00	0.00	0.00	3.55	0.00	0.00	0.00	4.58	0.00	33.09
16H-5-142	147.12	14.48	46.55	0.00	0.00	2.93	1.21	0.00	0.17	0.00	1.38	0.00	33.10
16H-6- 23	147.43	1.73	0.86	0.00	0.00	0.00	79.45	1.90	1.04	0.52	6.74	0.00	7.77
17H-1- 23	149.42	0.16	0.47	0.00	0.00	2.85	46.04	2.37	0.47	0.47	5.38	0.47	41.30
17H-1- 42	149.62	0.00	0.00	0.00	0.00	8.91	36.30	0.00	0.83	0.50	7.43	1.65	44.39
17H-1-122	150.42	0.37	0.00	0.00	0.00	1.49	37.87	0.75	0.37	0.56	3.92	0.00	54.66
17H-1-142	150.62	0.00	0.00	0.00	0.00	0.54	71.10	0.00	5.92	0.54	4.67	5.03	12.21
17H-2- 22	150.92	22.83	37.32	0.00	0.00	0.16	17.48	0.31	0.16	0.47	4.88	2.52	13.86
17H-2- 42	151.12	10.38	62.11	0.00	0.00	13.49	1.04	0.00	1.04	0.35	0.00	2.08	9.34
17H-2- 62	151.22	0.72	9.47	0.14	0.14	9.18	0.00	0.00	0.00	0.00	0.00	78.05	2.15
17H-3- 22	152.42	3.74	5.69	0.00	0.00	20.46	3.20	0.00	0.00	0.00	0.18	9.07	57.12
17H-3- 42	152.62	25.61	3.94	0.00	0.00	2.73	18.03	0.00	0.00	0.30	1.82	2.73	44.55
17H-3- 62	152.82	2.97	1.32	0.00	0.00	1.82	50.50	1.16	0.17	0.83	6.77	7.26	26.90
17H-4- 22	153.92	0.18	0.00	0.00	0.00	2.29	56.51	1.23	0.00	0.35	9.33	0.35	29.58
17H-4- 42	154.12	0.80	1.01	0.00	0.00	0.00	64.59	1.61	0.20	0.80	12.68	2.41	15.90
17H-4-102	154.32	6.93	25.65	0.00	0.00	2.95	7.11	0.00	0.00	0.00	0.00	3.29	54.07
17H-4-122	154.52	15.37	7.43	0.00	0.00	9.46	46.62	0.00	1.35	0.68	3.38	3.04	12.67
17H-4-142	154.72	3.63	28.40	0.00	0.00	0.54	13.19	0.27	0.00	0.67	2.29	0.27	50.74
17H-5- 22	155.42	3.23	15.32	0.00	0.00	0.00	29.84	0.48	0.00	0.32	2.58	1.77	46.45
17H-5-122	156.42	14.82	11.75	0.34	0.00	31.18	2.39	0.00	0.85	0.34	0.00	0.51	37.65
18H-1- 42	159.12	0.92	0.00	0.00	0.00	3.48	66.67	1.47	0.55	0.00	11.72	0.18	15.02
18H-1- 58	159.30	0.00	0.00	0.00	0.00	0.00	77.28	0.00	0.19	0.19	7.26	0.00	15.08
18H-1-102	159.52	4.53	2.19	0.00	0.00	12.55	7.45	0.15	0.88	0.15	0.58	0.29	71.24
18H-1-122	159.72	30.89	21.07	0.00	0.00	7.86	3.21	0.00	0.89	0.18	6.96	0.00	28.57
18H-1-142	159.92	35.21	6.76	0.00	0.00	4.93	9.44	0.00	0.00	0.14	1.27	0.00	42.25
18H-2- 42	160.62	0.35	0.18	0.00	0.00	1.40	56.39	1.23	0.35	0.35	8.76	0.00	31.00
18H-2- 58	160.80	0.00	0.00	0.00	0.00	0.32	63.72	0.00	2.09	0.00	33.87	0.00	0.00
18H-2-102	161.20	0.87	0.00	0.00	0.00	0.35	73.31	2.60	2.08	2.08	13.17	0.00	5.55
18H-2-122	161.42	2.29	0.00	0.00	0.00	0.00	70.04	0.00	5.53	0.57	16.03	0.00	5.53
18H-2-142	161.62	1.10	0.00	0.00	0.00	0.00	68.50	4.25	0.94	2.36	10.08	0.00	12.76
18H-3- 42	162.12	6.97	10.20	0.00	0.00	0.00	28.91	0.34	0.17	0.34	3.06	0.00	50.00
18H-3- 58	162.30	0.00	0.00	0.00	0.00	0.00	81.75	3.54	0.74	0.56	11.17	0.00	2.23
18H-3-102	162.52	9.85	0.68	0.00	0.00	0.00	69.27	2.72	1.02	0.85	11.04	0.00	4.58
18H-3-122	162.72	33.33	17.77	0.00	0.00	0.00	17.58	0.00	2.56	0.00	7.69	0.00	21.06
18H-3-142	162.92	0.36	0.00	0.00	0.00	0.00	78.74	1.62	0.90	1.26	10.45	0.00	6.67
18H-4- 42	163.62	17.32	1.37	0.00	0.00	0.17	28.99	0.69	0.17	0.17	4.80	1.72	44.60
18H-4- 58	163.80	8.93	2.28	0.00	0.00	0.00	21.54	0.00	0.00	0.35	5.78	2.10	59.02
18H-4-102	164.20	0.39	0.39	0.00	0.00	0.59	6.65	0.00	0.20	0.20	2.94	0.00	88.65

Table 1.4 (continued).

		Grain amount percentages											
Sample no.	Depth (mbsf)	Benthic foram. (%)	Plankt. foram. (%)	Rads. (%)	Diatoms (%)	Sponge spicule (%)	Quartz (%)	Feldspar (%)	Mica (%)	Hev. Min. (%)	Rock fr. (%)	Volc. gl. (%)	Auth. (%)
18H-5- 42	165.12	5.27	44.19	0.00	0.00	1.22	3.92	0.00	0.14	0.14	0.81	0.00	44.19
18H-5- 58	165.38	5.11	32.11	0.00	0.48	3.67	2.40	0.00	3.19	0.00	2.08	0.00	50.96
18H-5-102	165.52	2.28	61.05	0.00	0.00	1.93	2.63	0.00	0.00	0.00	1.75	3.51	26.67
18H-5-122	165.72	19.16	25.79	0.00	0.00	7.89	3.17	0.30	0.15	0.00	0.60	1.06	38.91
18H-5-142	165.92	12.94	49.58	0.00	0.00	1.18	1.85	0.00	0.00	0.34	1.01	0.17	31.09
18H-6- 42	166.62	5.24	1.57	0.00	0.00	2.97	5.94	0.70	0.00	0.00	1.05	0.35	82.17
18H-6- 58	166.88	1.18	0.39	0.00	0.00	1.18	5.12	0.20	0.20	0.20	1.57	0.00	89.96
18H-7- 42	168.12	5.82	1.61	0.00	0.00	0.00	65.86	0.00	0.40	0.20	16.27	0.00	10.64
18H-7- 58	168.38	0.19	0.00	0.00	0.00	0.00	91.12	0.00	0.58	0.39	6.95	0.39	0.39
19H-2- 22	169.92	28.71	20.23	0.00	0.00	1.73	8.09	0.00	0.19	0.19	0.39	0.00	40.08
19H-2- 82	170.52	0.00	0.00	0.00	0.00	4.43	92.68	0.00	0.96	0.00	0.39	0.00	1.54
19H-2-100	170.70	0.84	0.00	0.00	0.00	0.00	76.41	0.00	0.42	0.42	1.67	0.00	20.25
19H-3- 22	171.42	5.53	0.19	0.00	0.00	0.00	19.27	0.00	0.57	0.57	0.00	0.00	73.85
19H-3- 82	172.02	8.85	0.35	0.00	0.00	3.54	35.58	0.00	0.18	0.35	0.53	0.00	50.62
19H-3- 98	172.22	17.48	12.03	0.19	0.00	16.54	4.70	0.00	0.75	0.00	0.56	0.19	47.56
19H-3-120	172.40	2.40	18.69	0.16	0.00	1.28	3.19	0.32	0.48	0.00	0.64	28.12	43.29
19H-3-142	172.62	14.35	17.46	0.00	0.00	16.84	4.16	0.00	0.42	0.00	0.00	0.00	46.78
19H-4- 22	172.92	6.85	2.11	0.00	0.00	2.81	52.20	0.00	0.18	0.00	0.35	0.00	35.50
19H-4- 82	173.52	7.52	22.18	0.94	0.00	4.89	6.39	0.00	0.00	0.00	0.00	0.19	57.71
19H-4-100	173.70	4.88	1.81	0.00	0.00	3.80	8.32	0.00	0.36	0.00	0.00	37.07	43.76
20H-1- 42	178.12	0.00	0.00	0.00	0.00	0.94	86.47	0.38	2.44	0.56	2.07	2.44	4.70
20H-1- 82	178.20	2.60	0.00	0.37	0.00	1.67	84.76	0.00	0.93	0.00	0.37	0.00	9.29
20H-1-102	178.42	21.14	30.33	0.00	0.00	1.39	11.27	0.00	0.35	0.17	0.17	0.52	32.24
20H-1-122	178.62	18.00	36.33	0.17	0.00	3.40	6.11	0.00	0.51	0.00	0.00	0.00	35.48
20H-1-142	178.82	34.19	41.55	0.00	0.00	0.00	3.18	0.00	0.60	0.00	0.40	0.40	19.68
20H-2- 42	179.60	0.00	0.00	0.38	0.00	0.00	89.29	0.19	2.10	0.00	2.68	0.96	4.40
20H-2- 82	179.80	31.69	11.61	0.20	0.00	1.97	51.57	0.00	0.00	0.00	0.00	0.00	2.95
20H-2-102	180.00	36.61	15.94	0.00	0.00	0.00	15.94	0.00	0.59	0.20	0.79	0.00	29.72
20H-2-122	180.20	34.58	40.32	0.00	0.00	0.59	20.55	0.00	0.00	0.00	0.00	0.00	3.95
20H-2-142	180.40	47.65	23.08	0.94	0.00	8.44	0.38	0.00	0.75	0.38	0.00	0.00	18.39
20H-3- 42	181.10	1.33	2.10	0.19	0.00	9.90	34.48	0.00	0.38	0.19	0.00	2.29	49.14
20H-3- 82	181.30	30.66	15.41	0.32	0.00	0.32	13.32	0.00	0.48	0.48	1.44	0.00	37.40
20H-3-102	181.50	43.30	13.71	0.31	0.00	0.00	6.85	0.00	0.00	0.16	0.47	0.31	34.74
20H-3-122	181.70	60.66	4.01	0.00	0.00	0.00	5.10	0.00	0.00	0.00	1.82	0.00	28.23
20H-4- 42	182.60	7.55	4.42	0.00	0.00	0.18	38.86	0.37	0.00	0.92	1.84	7.37	37.94
20H-4- 82	182.80	2.94	0.35	17.13	0.00	3.29	7.61	0.00	0.17	0.69	8.13	1.04	58.65
20H-4-122	183.20	1.55	0.00	2.33	0.00	13.40	12.43	0.19	1.55	0.19	0.78	0.00	67.57
20H-5- 42	184.10	10.38	0.54	0.18	0.00	0.18	68.87	0.18	0.36	0.54	1.43	1.43	15.92
20H-5- 82	184.30	4.79	1.54	0.51	0.00	4.79	28.25	0.00	0.34	0.00	0.00	0.00	59.76
20H-5-102	184.40	0.00	0.00	0.39	0.00	0.20	49.70	0.20	0.39	0.00	0.00	0.59	48.52
21H-1- 22	185.01	4.21	42.98	9.83	0.00	9.55	0.84	0.00	0.00	0.00	0.00	0.00	32.58
21H-1- 42	185.20	0.00	1.19	26.73	0.00	24.55	2.38	0.00	0.00	0.00	0.00	0.40	44.75
21H-1- 62	185.39	0.00	0.19	15.30	0.00	2.87	1.53	0.00	0.00	0.19	1.15	0.00	78.78
21H-1- 82	185.58	0.00	0.00	39.64	4.40	10.93	2.77	0.00	1.47	0.82	2.45	33.28	4.24
21H-1-102	185.77	0.00	0.00	23.88	0.00	1.17	1.94	0.00	0.00	0.00	0.58	0.58	71.84
21H-1-122	185.96	0.00	0.00	35.97	7.61	15.53	1.90	0.00	1.11	1.11	3.80	30.43	2.54
21H-1-142	186.15	1.11	0.74	25.32	0.00	26.25	2.22	0.00	0.00	0.00	0.37	0.00	43.99
22H-1- 22	187.01	3.21	0.38	1.13	0.00	2.45	71.32	0.19	0.00	0.00	0.00	0.00	21.32
22H-1-102	187.77	27.48	13.93	0.19	0.00	4.20	22.52	0.00	0.00	0.00	0.00	0.00	31.68
22H-1-122	187.96	2.44	0.75	8.27	0.00	0.75	16.17	0.00	0.19	0.00	0.19	0.00	71.24

Table 1.4 (continued).

Sample no.	Depth (mbsf)	Grain amount percentages											
		Benthic foram. (%)	Plankt. foram. (%)	Rads. (%)	Diatoms (%)	Sponge spicule (%)	Quartz (%)	Feldspar (%)	Mica (%)	Hev. Min. (%)	Rock fr. (%)	Volc. gl. (%)	Auth. (%)
22H-2- 42	188.62	30.86	0.00	0.56	0.00	1.12	49.26	0.00	0.00	0.00	0.56	0.00	17.66
22H-2- 62	188.81	38.30	0.35	0.00	0.00	0.00	10.92	0.00	0.00	0.69	0.35	0.00	49.22
22H-2- 82	189.00	0.72	0.00	0.00	0.00	0.72	26.04	0.00	3.98	0.00	0.18	0.00	68.35
22H-2-102	189.19	1.69	0.00	0.38	0.00	0.00	92.67	0.00	0.19	0.00	0.19	0.00	4.89
22H-3- 22	189.86	0.00	0.00	0.00	0.00	0.38	94.16	0.56	0.75	0.19	1.32	0.00	2.64
22H-3- 42	190.05	0.00	0.00	0.00	0.00	0.00	85.96	0.00	1.36	1.56	1.17	0.00	9.94
22H-3- 62	190.24	0.20	0.00	0.00	0.00	0.00	94.09	0.20	0.39	0.98	1.57	0.00	2.36
22H-3-102	190.62	0.00	0.00	0.00	0.00	0.00	63.59	0.00	4.61	1.84	1.23	0.00	28.57
22H-3-122	190.81	0.00	0.00	0.00	0.00	0.00	95.45	0.59	1.98	0.40	0.99	0.00	0.59
22H-4- 22	191.28	0.00	0.00	0.00	0.00	0.55	93.81	0.00	1.09	0.18	3.64	0.36	0.36
22H-4- 42	191.47	0.52	0.17	0.00	0.00	0.17	81.33	0.00	1.05	2.09	0.70	0.00	13.79
22H-4- 62	191.66	61.06	20.41	0.00	0.00	0.86	13.89	0.00	1.03	0.17	0.69	0.00	1.72
22H-4-102	192.04	6.23	8.13	0.00	0.00	2.94	29.93	0.00	0.00	0.00	0.00	0.17	52.60
22H-4-121	192.22	0.00	0.00	0.00	0.00	0.39	43.05	0.00	0.39	0.39	0.20	0.00	55.58
22H-5- 42	192.90	0.78	0.19	0.00	0.00	0.00	13.26	0.00	0.00	0.00	0.19	0.00	85.58
22H-5- 98	193.43	0.00	0.00	0.18	0.00	0.37	89.01	0.37	0.37	0.18	1.10	0.00	8.42
23H-1- 39	194.45	15.94	9.30	11.76	0.00	6.64	11.20	0.00	0.57	0.00	0.76	0.00	43.26
23H-2- 42	195.81	5.08	17.77	2.54	0.00	0.68	23.18	0.00	0.00	0.34	0.68	0.34	46.87
23H-2-102	196.34	14.50	8.02	0.38	0.00	0.38	47.14	0.00	0.00	0.19	2.10	0.00	27.29
23H-2-122	196.52	0.00	0.19	0.00	0.00	0.19	86.19	0.00	3.17	1.31	1.49	0.75	6.72
23H-2-142	196.70	0.38	0.00	0.00	0.00	0.00	95.29	0.00	0.00	1.51	0.56	0.00	2.26
23H-3- 42	197.14	26.19	2.89	0.00	0.00	2.04	46.43	0.00	0.00	0.17	0.00	0.34	21.94
23H-3-102	197.68	0.00	0.00	0.19	0.00	0.19	92.28	0.00	0.00	1.16	0.77	0.00	5.41
23H-3-122	197.86	0.50	0.00	0.00	0.00	0.25	93.53	0.00	1.00	1.49	2.99	0.00	0.25
23H-3-142	198.03	0.00	0.19	0.00	0.00	0.39	43.93	0.00	0.00	0.39	0.39	0.00	54.72
23H-4- 42	198.48	0.00	0.00	0.00	0.00	0.00	96.76	0.00	0.00	0.38	0.19	0.00	2.67
23H-4-102	199.01	1.76	1.37	0.00	0.00	0.39	58.71	0.00	0.00	0.00	0.78	1.57	35.42
23H-4-122	199.19	0.62	0.21	0.00	0.00	0.21	33.26	0.00	0.21	0.00	40.12	0.00	25.36
23H-4-142	199.37	3.47	0.91	0.00	0.00	0.55	21.21	0.00	0.00	0.00	0.91	0.18	70.75
23H-5- 42	199.81	0.00	0.00	0.00	0.00	0.20	79.92	0.00	0.00	0.00	1.77	1.18	16.93
23H-5-102	200.35	2.65	2.65	0.00	0.00	0.57	17.80	0.00	0.00	0.38	0.38	0.76	74.81
23H-5-122	200.53	3.51	50.08	0.00	0.00	0.83	2.00	0.00	0.00	0.00	0.00	0.00	43.57
23H-5-142	200.70	0.56	1.13	0.00	0.00	0.00	85.53	0.38	1.32	0.00	0.56	0.00	10.53
24H-1- 20	201.30	0.51	1.19	0.00	0.00	1.19	70.46	0.00	0.17	0.51	0.68	0.17	25.13
24H-1- 65	201.74	0.00	0.00	0.00	0.00	0.00	84.64	0.00	0.19	1.12	0.94	0.00	13.11
24H-1- 82	201.90	0.00	0.00	0.00	0.00	0.93	29.93	0.00	4.09	1.49	0.74	0.00	62.83
24H-1-102	202.10	0.00	0.00	0.00	0.00	0.96	32.18	0.00	0.77	0.00	0.00	0.00	66.09
24H-1-122	202.30	0.00	0.18	0.00	0.00	2.56	23.77	0.00	4.02	0.00	0.00	0.00	69.47
24H-1-134	202.41	3.75	2.81	0.00	0.00	3.00	5.06	0.00	0.56	0.00	0.00	0.19	84.27
24H-2- 65	203.21	6.01	5.18	0.00	0.00	0.33	25.38	0.00	0.00	0.00	0.17	0.00	62.10
24H-2-102	203.57	0.00	0.00	0.00	0.00	0.18	89.45	0.00	2.68	2.68	0.18	0.00	4.83
24H-2-120	203.75	0.00	0.00	0.00	0.00	0.18	95.05	0.18	0.92	0.37	0.92	0.18	2.20
24H-3- 65	204.68	0.00	0.00	0.00	0.00	0.00	27.05	0.00	0.00	0.00	0.00	0.00	72.95
24H-3- 82	204.84	0.00	0.00	0.39	0.00	1.16	16.38	0.00	0.00	0.00	0.00	0.00	82.08
24H-3-102	205.04	27.48	8.79	0.19	0.00	0.37	2.80	0.00	0.00	0.00	0.00	0.00	60.37
24H-3-122	205.27	2.03	0.00	0.00	0.00	0.31	10.80	0.00	0.16	0.00	0.00	0.00	86.70
24H-3-142	205.43	1.65	0.00	0.00	0.00	1.84	8.09	0.00	0.00	0.00	0.00	0.00	88.42
24H-4- 20	205.71	2.45	2.29	0.00	0.00	0.61	29.20	0.00	0.00	0.00	0.00	0.00	65.44
25H-1- 22	206.20	3.58	2.90	0.00	0.00	0.00	67.46	0.00	0.00	0.00	0.00	0.51	25.55
25H-1- 42	206.40	0.42	0.00	0.00	0.00	1.13	36.49	0.00	2.55	2.26	0.00	4.38	52.76

Table 1.4 (continued).

Sample no.	Depth (mbsf)	Grain amount percentages											
		Benthic foram. (%)	Plankt. foram. (%)	Rads. (%)	Diatoms (%)	Sponge spicule (%)	Quartz (%)	Feldspar (%)	Mica (%)	Hev. Min. (%)	Rock fr. (%)	Volc. gl. (%)	Auth. (%)
25H-1- 62	206.60	0.00	0.00	0.00	0.00	0.60	54.57	0.00	4.35	1.05	0.45	1.05	37.93
25H-1- 82	206.80	0.19	0.19	3.77	0.00	1.13	3.58	0.00	0.00	0.00	0.00	0.19	90.96
25H-1-102	207.00	3.66	4.76	1.28	0.00	0.55	3.30	0.00	0.18	0.00	0.00	0.37	85.90
25H-1-122	207.20	0.19	1.15	0.00	0.00	0.38	14.01	0.00	0.00	0.00	0.00	0.38	83.88
25H-2- 22	207.70	6.72	25.17	0.00	0.00	0.00	2.07	0.00	0.00	0.00	0.00	0.00	65.00
25H-2- 42	207.90	1.21	1.73	0.00	0.00	3.11	33.74	0.00	1.90	0.00	3.29	0.00	55.02
25H-2- 62	208.12	11.33	11.51	0.00	0.00	3.96	15.11	0.00	0.00	0.00	5.40	0.00	52.70
25H-2- 82	208.32	0.00	0.00	0.00	0.00	0.15	81.76	0.00	5.26	0.46	0.31	0.15	11.90
25H-2-102	208.52	0.00	0.00	0.00	0.00	0.35	22.08	0.00	0.18	0.00	7.24	2.12	68.02
25H-2-142	209.10	0.00	0.00	0.00	0.00	0.41	12.09	0.00	0.20	0.00	0.00	0.00	87.30
25H-3- 22	209.20	0.00	0.00	0.00	0.00	0.00	56.87	0.00	0.00	0.17	0.34	0.00	42.61
25H-3- 42	209.40	11.73	11.33	0.00	0.00	0.00	4.37	0.00	0.00	0.00	6.76	0.00	65.81
25H-3- 62	209.60	1.78	0.20	0.00	0.00	1.58	75.69	0.00	0.59	0.00	0.00	0.00	20.16
26H-1- 22	210.71	1.13	0.38	0.00	0.00	0.38	39.66	0.00	0.38	0.38	0.00	0.00	57.71
26H-1- 42	210.91	0.56	0.56	0.00	0.00	0.00	43.23	0.00	0.00	0.00	9.46	0.37	45.83
26H-1- 62	211.10	0.19	0.00	0.00	0.00	2.08	17.92	0.00	0.19	0.00	0.00	0.00	79.62
26H-1- 82	211.30	2.04	0.19	0.56	0.00	5.19	2.97	0.00	0.56	0.00	3.90	0.74	83.67
26H-1-102	211.52	5.08	34.59	0.00	0.00	0.00	15.23	0.00	0.38	0.00	0.00	0.00	44.74
26H-1-142	211.92	7.51	5.72	0.00	0.00	0.00	66.01	0.00	0.18	0.00	0.00	0.00	20.57
26H-2- 22	212.17	15.81	6.22	0.00	0.00	0.00	36.59	0.00	0.18	0.00	0.00	0.00	41.03
26H-2- 42	212.36	0.00	0.40	0.00	0.00	0.00	83.10	0.00	0.40	0.00	11.87	2.21	2.01
26H-2- 62	212.56	16.41	8.81	0.00	0.00	0.00	46.98	0.00	0.00	0.17	0.00	0.00	27.63
26H-2- 82	212.75	0.00	0.18	0.00	0.00	0.00	75.57	0.00	1.93	0.35	17.93	3.69	0.35
26H-2-102	212.94	0.00	0.00	0.00	0.00	0.00	67.92	0.00	0.00	0.00	0.20	0.00	31.88
26H-2-122	213.14	5.08	1.41	0.00	0.00	0.14	67.14	0.00	0.00	0.00	0.28	0.00	25.95
26H-2-142	213.33	0.37	2.59	0.00	0.00	0.00	38.89	0.00	0.00	0.00	0.37	0.00	57.78
26H-3- 22	213.62	0.00	0.00	0.00	0.00	1.32	58.09	0.00	0.17	0.99	2.64	0.00	36.80
26H-3- 42	213.82	0.00	0.00	0.00	0.00	1.12	23.32	0.00	0.19	0.00	0.00	0.00	75.37
27H-1-102	215.30	8.80	4.15	0.17	0.00	0.00	56.31	0.00	0.00	0.00	0.00	0.00	30.56
27H-1-122	215.50	0.19	0.00	0.00	0.00	0.00	89.37	0.00	0.56	0.00	0.19	0.37	9.33
28H-1-102	217.05	0.00	0.00	0.00	0.00	0.00	90.91	0.00	0.28	0.00	0.14	0.00	8.67
28H-1-122	217.23	9.52	13.23	0.32	0.00	0.32	15.81	0.00	0.00	0.00	0.00	0.00	60.81
28H-1-142	217.42	12.80	3.35	0.00	0.00	0.00	63.78	0.00	0.39	0.00	1.77	0.00	17.91
28H-2-102	218.44	0.19	0.00	0.00	0.00	0.00	93.58	0.00	0.00	0.00	0.19	0.19	5.84
28H-2-122	218.63	38.04	3.05	0.00	0.00	0.00	33.87	0.00	0.00	0.16	6.90	0.00	17.98
28H-2-142	218.82	0.35	0.00	0.00	0.00	0.35	44.86	0.00	0.18	0.00	0.00	0.18	54.08
28H-3-102	219.84	0.64	0.00	0.00	0.00	0.00	79.84	0.00	1.76	0.00	0.16	0.00	17.60
29H-1-102	222.10	4.12	2.06	0.00	0.00	0.17	12.37	0.00	0.34	0.00	0.00	0.00	80.93
29H-1-122	222.30	0.39	0.00	0.00	0.00	0.97	23.55	0.00	0.19	0.00	0.00	0.00	74.90
29H-1-142	222.50	0.59	0.00	0.20	0.00	2.56	14.76	0.00	0.00	0.00	0.39	0.00	81.50
29H-2-102	223.60	0.00	0.00	0.00	0.00	2.10	5.53	0.00	1.15	0.00	0.00	0.00	91.22
29H-2-122	223.75	2.00	0.45	0.22	0.00	4.23	1.78	2.00	1.78	0.45	3.12	1.78	82.18
29H-2-142	223.90	0.00	0.00	0.00	0.00	1.02	23.90	0.00	0.00	0.17	0.00	0.00	74.92
29H-3-102	225.10	0.38	0.00	0.00	0.00	0.00	80.00	0.57	0.19	0.75	1.89	0.00	16.23
29H-3-122	225.30	0.00	0.00	0.00	0.00	0.00	68.52	0.00	0.00	0.00	0.00	0.00	31.48
30H-1-102	227.12	0.00	0.00	0.00	0.00	0.00	79.52	0.40	0.00	0.00	1.99	0.00	18.09
30H-1-122	227.32	0.00	0.00	0.00	0.00	1.13	55.91	0.00	0.38	0.00	10.69	2.06	29.83
30H-1-142	227.51	0.00	0.00	0.00	0.00	0.00	13.28	0.00	0.39	0.00	0.00	0.00	86.33
30H-2-102	228.60	10.81	13.51	1.44	0.00	0.72	1.08	0.00	0.00	0.00	0.00	0.00	72.43
30H-2-122	228.82	9.51	4.66	0.00	1.12	1.49	2.05	0.00	0.93	7.09	0.00	1.87	71.27

Table 1.4 (continued).

Sample no.	Depth (mbsf)	Grain amount percentages											
		Benthic foram. (%)	Plankt. foram. (%)	Rads. (%)	Diatoms (%)	Sponge spicule (%)	Quartz (%)	Feldspar (%)	Mica (%)	Hev. Min. (%)	Rock fr. (%)	Volc. gl. (%)	Auth. (%)
30H-2-142	229.02	1.28	1.44	6.38	0.00	3.35	0.80	0.00	0.00	0.00	0.00	0.00	86.76
30H-3-102	230.12	0.77	0.00	0.77	0.00	4.43	1.93	0.00	0.00	0.00	0.00	0.00	92.10
30H-3-122	230.32	0.00	0.00	0.93	0.00	10.37	15.19	0.00	2.59	0.00	8.15	15.74	47.04
30H-3-142	230.52	0.00	0.19	0.19	0.00	2.06	85.98	0.00	0.93	0.19	1.12	0.56	8.79
30H-4-102	231.60	0.37	0.00	0.00	0.00	1.31	7.10	0.00	0.00	0.19	0.00	0.00	91.03
30H-4-122	231.82	0.20	0.00	0.00	0.00	0.20	45.80	0.00	0.00	0.00	0.00	0.00	53.80
30H-4-142	232.02	0.19	0.00	0.00	0.00	0.19	84.87	0.00	0.00	0.00	1.34	0.00	13.41
31H-1-102	233.10	0.00	0.00	0.00	0.00	0.77	94.00	0.00	0.00	0.19	0.77	0.00	4.26
31H-1-142	233.32	0.18	0.00	0.00	0.00	0.00	67.87	0.00	0.18	0.00	0.36	0.18	31.23
31H-2-102	234.60	0.00	0.19	2.82	0.00	21.09	12.81	0.00	0.38	0.00	1.13	0.00	61.58
31H-2-142	234.92	0.00	0.00	3.32	0.00	18.15	2.62	0.00	0.00	0.00	1.05	0.00	74.87
31H-3-102	236.12	0.00	0.00	7.45	0.00	6.18	14.73	0.00	0.18	0.00	0.00	0.00	71.45
31H-3-122	236.32	0.00	0.00	3.41	0.00	10.22	2.20	0.00	0.00	0.00	0.00	0.00	84.17
32H-2-102	240.62	5.82	6.16	3.16	0.00	12.15	1.50	0.00	0.00	0.00	0.00	0.00	69.22
32H-2-122	240.82	7.71	21.51	0.18	0.00	1.08	0.54	0.00	0.00	0.00	0.00	0.00	64.70
32H-2-142	241.02	12.05	10.89	0.66	0.33	8.91	2.15	0.00	0.00	0.00	0.00	0.00	64.69
32H-3-102	242.12	6.68	9.35	1.00	1.00	16.19	1.50	0.00	0.00	0.00	0.00	0.00	63.61
32H-3-122	242.32	4.84	5.51	1.17	1.17	18.70	1.17	0.00	0.00	0.00	0.00	0.50	66.94
32H-3-142	242.52	1.72	2.30	0.19	0.96	22.03	0.19	0.00	0.19	0.19	0.00	0.19	72.03
32H-4-102	243.60	8.74	8.74	1.30	0.00	7.43	0.93	0.00	0.19	0.00	0.00	0.00	70.63
32H-4-122	243.82	10.82	9.14	1.87	0.75	24.63	0.37	0.00	0.19	0.00	0.00	0.19	52.05
33H-1-102	244.72	12.43	3.15	1.40	0.35	11.56	2.10	0.00	0.70	0.00	0.00	0.00	67.95
33H-1-122	244.92	8.12	5.78	2.17	0.18	11.01	0.90	0.00	0.36	0.00	0.00	0.00	67.51
33H-1-142	245.12	9.38	4.23	2.76	0.00	7.54	2.76	0.00	0.00	0.00	0.00	0.00	73.35
34H-1-102	246.86	0.00	0.35	1.40	0.00	64.21	1.40	0.00	1.23	0.00	0.00	0.00	31.40
34H-1-122	247.02	0.00	0.69	1.56	0.35	74.74	1.56	0.00	1.38	0.00	0.00	0.00	19.72
34H-1-142	247.19	1.21	1.21	0.17	0.00	44.19	2.25	0.00	1.21	0.00	0.00	0.35	49.39
34H-2-102	248.12	2.20	0.17	1.18	0.00	41.46	0.68	0.00	0.51	0.00	0.00	0.00	53.81
34H-2-122	248.28	5.13	2.93	5.68	4.03	40.84	0.92	0.00	3.48	0.00	0.55	3.48	32.97
34H-2-142	248.45	0.00	0.00	0.37	0.00	15.61	0.19	0.00	0.74	0.00	0.00	0.00	83.09
34H-4-102	250.64	0.00	0.00	0.19	0.00	1.17	66.47	0.00	0.39	0.78	0.00	0.39	30.60
34H-4-122	250.80	5.66	16.04	0.19	0.00	0.94	3.77	0.00	0.38	0.00	0.00	0.00	73.02

Table 1.4 (continued).

Sample no.	Depth (mbsf)	Subfraction of coarse fraction (μm)				
		>63 (%)	63–125 (%)	125–500 (%)	500–1000 (%)	>1000 (%)
1H-1- 22	0.22	9.52	2.24	7.19	0.07	0.02
1H-1- 42	0.42	2.74	1.51	1.15	0.07	0.01
1H-1- 59	0.59	8.85	5.71	2.68	0.19	0.27
1H-1- 82	0.82	4.64	2.56	1.83	0.23	0.02
1H-1-102	1.02	7.16	3.99	3.03	0.13	0.01
1H-1-122	1.22	10.94	6.31	3.76	0.32	0.55
1H-1-142	1.42	13.96	7.63	5.36	0.76	0.21
1H-2- 22	1.72	4.35	1.97	2.23	0.11	0.04
1H-2- 59	2.09	20.05	11.89	5.52	2.02	0.62
1H-2- 82	2.30	7.43	4.81	1.96	0.16	0.50
1H-2-102	2.52	13.25	5.43	5.97	0.64	1.21
1H-2-122	2.72	5.47	2.07	2.28	0.47	0.65
1H-2-142	2.90	6.08	2.74	2.98	0.23	0.13
1H-3- 22	3.22	5.36	2.71	2.01	0.14	0.50
1H-3- 42	3.42	4.95	2.16	2.10	0.19	0.50
1H-3- 59	3.59	8.69	3.77	4.07	0.43	0.42
1H-3- 82	3.82	7.31	3.62	3.14	0.18	0.37
1H-3-102	4.02	4.70	3.26	1.27	0.16	0.01
1H-3-122	4.22	2.19	1.54	0.28	0.37	0.00
1H-3-142	4.42	6.08	3.72	1.13	0.08	1.15
1H-4- 22	4.72	3.02	2.13	0.84	0.05	0.00
1H-4- 42	4.92	4.52	1.87	1.40	0.09	1.16
1H-4- 59	5.09	3.79	2.22	1.34	0.17	0.06
1H-4- 82	5.30	3.98	2.23	1.49	0.23	0.03
1H-4-102	5.52	7.11	4.52	2.27	0.13	0.19
1H-4-122	5.72	4.81	2.53	1.95	0.09	0.24
1H-5- 22	6.22	4.84	4.58	0.25	0.01	0.00
1H-5- 42	6.42	4.98	3.23	1.70	0.05	0.00
1H-5- 59	6.59	6.99	4.10	2.75	0.05	0.09
1H-5- 82	6.82	1.07	0.50	0.53	0.04	0.00
1H-5-102	7.02	3.27	1.91	1.24	0.07	0.05
1H-5-122	7.22	3.20	1.83	1.35	0.02	0.00
1H-5-142	7.42	4.54	1.77	2.51	0.06	0.20
1H-6- 22	7.72	5.22	2.35	2.25	0.09	0.53
1H-6- 42	7.92	2.50	1.16	1.26	0.01	0.07
1H-6- 59	8.04	6.42	3.13	3.10	0.08	0.11
1H-6- 82	8.30	1.76	0.99	0.75	0.02	0.00
1H-6-102	8.52	4.06	2.15	1.59	0.10	0.22
1H-6-122	8.72	2.71	1.56	1.15	0.00	0.00
1H-6-142	8.90	5.85	3.20	2.40	0.08	0.17
2H-1- 22	9.42	3.81	2.08	1.42	0.08	0.23
2H-1- 42	9.62	2.83	1.71	1.07	0.02	0.03
2H-1- 62	9.82	15.28	11.85	3.21	0.12	0.10
2H-1- 82	10.02	6.64	4.31	2.10	0.15	0.08
2H-1-104	10.24	9.85	3.79	3.95	0.42	1.69
2H-1-122	10.42	8.93	4.51	4.28	0.11	0.03
2H-1-142	10.62	12.26	4.06	5.61	2.57	0.02
2H-2- 22	10.92	14.23	1.61	12.55	0.00	0.07
2H-2- 62	11.32	7.42	3.84	3.49	0.08	0.01
2H-2- 82	11.52	10.75	7.29	3.34	0.06	0.06
2H-2-104	11.74	7.59	2.68	4.84	0.02	0.05
2H-2-122	11.90	16.80	12.40	4.23	0.13	0.04

Table 1.4 (continued).

Sample no.	Depth (mbsf)	Subfraction of coarse fraction (μm)				
		>63 (%)	63-125 (%)	125-500 (%)	500-1000 (%)	>1000 (%)
2H-2-142	12.12	3.22	1.44	1.71	0.05	0.02
2H-3- 22	12.42	6.07	2.26	3.78	0.03	0.00
2H-3- 42	12.62	4.39	2.32	2.07	0.00	0.00
2H-3- 62	12.82	2.40	1.67	0.71	0.02	0.00
2H-3- 82	13.02	24.19	18.13	5.84	0.07	0.15
2H-3-104	13.22	23.68	18.78	4.47	0.09	0.34
2H-3-122	13.42	17.31	14.14	3.13	0.04	0.00
2H-4- 22	13.92	14.82	11.43	2.97	0.16	0.26
2H-4- 42	14.12	6.39	3.82	2.00	0.26	0.31
2H-4- 62	14.32	4.61	2.21	1.68	0.19	0.53
2H-4- 82	14.52	8.53	4.41	3.57	0.24	0.31
2H-4-104	14.74	24.75	13.51	10.64	0.35	0.25
2H-4-122	14.90	12.07	9.03	2.66	0.16	0.22
2H-4-142	15.12	10.56	5.64	3.95	0.38	0.59
2H-5- 22	15.42	9.08	6.00	2.62	0.21	0.25
2H-5- 42	15.62	9.88	4.85	3.57	0.49	0.97
2H-5- 62	15.82	9.98	3.12	3.62	0.42	2.82
3H-1- 22	16.42	6.22	3.28	2.42	0.25	0.27
3H-1- 42	16.62	4.78	2.49	1.94	0.21	0.14
3H-1- 62	16.82	3.93	2.16	1.23	0.10	0.44
3H-1- 82	17.02	14.30	7.92	4.25	0.30	1.83
3H-1-102	17.22	6.05	3.91	1.91	0.12	0.11
3H-1-122	17.40	9.58	5.86	3.34	0.27	0.11
3H-1-142	17.60	14.27	8.18	5.49	0.28	0.32
3H-2- 22	17.92	11.90	5.46	5.03	0.79	0.62
3H-2- 42	18.12	12.51	5.09	5.47	0.82	1.13
3H-2- 62	18.32	11.21	5.31	4.47	0.54	0.89
3H-2- 82	18.52	7.70	3.20	2.26	0.43	1.81
3H-2-102	18.72	4.06	2.93	0.99	0.07	0.07
3H-2-122	18.90	0.63	0.36	0.14	0.01	0.12
3H-2-142	19.12	2.21	1.67	0.47	0.04	0.03
3H-3- 22	19.42	6.52	2.93	2.84	0.29	0.46
3H-3- 42	19.62	1.96	1.01	0.79	0.04	0.12
3H-3- 62	19.82	3.76	1.34	2.20	0.11	0.11
3H-3- 82	20.02	3.23	1.04	2.14	0.03	0.02
3H-3-102	20.20	6.19	2.83	3.25	0.08	0.03
3H-4- 22	20.42	8.02	4.63	2.64	0.32	0.43
3H-4- 42	21.12	3.57	1.46	1.41	0.20	0.50
3H-4- 62	21.32	4.91	2.52	1.99	0.13	0.27
3H-4- 82	21.52	3.20	1.63	1.25	0.05	0.27
3H-4-102	21.72	5.07	2.53	2.14	0.11	0.29
3H-4-122	21.90	3.71	1.72	1.56	0.11	0.32
3H-5- 22	22.43	5.14	2.11	2.74	0.04	0.25
3H-5- 42	22.62	2.64	1.64	0.88	0.03	0.09
3H-5- 62	22.82	10.33	6.08	3.54	0.70	0.01
3H-5- 82	23.02	10.21	5.73	4.35	0.12	0.01
3H-5-102	23.22	2.81	1.64	1.15	0.02	0.00
3H-5-122	23.40	0.62	0.36	0.26	0.00	0.00
3H-5-142	23.60	2.75	1.80	0.94	0.00	0.01
3H-6- 22	23.99	14.07	8.46	4.05	0.69	0.87
3H-7- 22	25.42	6.02	2.62	1.83	0.05	1.52
4H-1- 22	25.92	9.98	6.66	3.04	0.12	0.16

Table 1.4 (continued).

Sample no.	Depth (mbsf)	Subfraction of coarse fraction (μm)				
		>63 (%)	63–125 (%)	125–500 (%)	500–1000 (%)	>1000 (%)
4H-1- 42	26.12	5.60	3.11	2.19	0.14	0.16
4H-1- 62	26.32	4.83	2.80	1.85	0.11	0.07
4H-1- 82	26.52	5.45	2.84	2.29	0.15	0.17
4H-1-102	26.72	0.99	0.46	0.46	0.03	0.04
4H-1-122	26.90	1.06	0.63	0.41	0.02	0.00
4H-1-142	27.12	3.42	1.68	1.59	0.11	0.04
4H-2- 22	27.42	7.60	4.16	2.99	0.13	0.32
4H-2- 42	27.62	5.40	3.13	1.92	0.19	0.16
4H-2- 62	27.82	7.87	5.57	2.19	0.05	0.06
4H-2- 82	28.02	5.15	2.70	2.32	0.04	0.09
4H-2-102	28.22	6.63	2.91	3.57	0.15	0.00
4H-2-122	28.40	10.33	4.45	3.86	0.79	1.23
4H-2-142	28.60	4.45	2.16	1.51	0.07	0.71
4H-3- 22	28.92	2.05	1.15	0.73	0.03	0.14
4H-3- 42	29.12	3.99	2.42	1.20	0.07	0.30
4H-3- 62	29.32	12.42	8.37	3.81	0.14	0.10
4H-3- 82	29.52	7.23	6.88	0.26	0.02	0.07
4H-3-102	29.72	15.40	6.73	6.66	0.66	1.35
4H-3-122	29.90	16.10	11.14	4.27	0.31	0.38
4H-3-142	30.12	2.25	1.00	0.98	0.14	0.13
4H-4- 22	30.42	3.32	1.50	1.34	0.15	0.33
4H-4- 42	30.62	5.25	2.50	1.33	0.23	1.19
4H-4- 62	30.82	2.38	1.19	0.74	0.08	0.37
4H-4- 82	31.02	1.96	0.76	0.36	0.39	0.45
4H-4-102	31.22	25.51	7.82	10.30	1.20	6.19
4H-4-122	31.40	5.27	2.25	2.12	0.41	0.49
4H-4-142	31.60	5.97	2.47	2.35	0.23	0.92
4H-5- 22	31.92	4.03	2.33	1.50	0.12	0.08
4H-5- 42	32.12	2.64	0.40	0.43	0.02	1.79
4H-5- 62	32.32	8.66	5.71	2.47	0.41	0.07
4H-5- 82	32.52	13.06	7.59	4.47	0.35	0.65
4H-5-102	32.72	12.60	7.31	4.37	0.29	0.63
4H-5-122	32.92	6.59	3.93	2.40	0.21	0.05
4H-5-142	33.12	5.93	3.25	2.11	0.20	0.37
5H-1- 22	35.42	4.25	1.89	2.01	0.19	0.16
5H-1- 42	35.62	3.94	1.86	1.82	0.06	0.20
5H-1- 62	35.82	13.77	5.90	7.31	0.16	0.40
5H-1- 82	36.02	4.50	2.13	1.90	0.36	0.11
5H-1-102	36.22	14.13	8.27	3.63	1.85	0.38
5H-1-122	36.40	15.93	8.81	6.46	0.41	0.25
5H-1-141	36.31	20.53	8.85	8.09	0.84	2.75
5H-2- 22	36.92	15.98	9.89	2.73	2.67	0.69
5H-2- 42	37.12	15.66	7.51	6.63	0.93	0.59
5H-2- 62	37.32	1.45	0.77	0.60	0.04	0.04
5H-2- 82	37.52	6.02	0.87	4.99	0.13	0.03
5H-2-102	37.72	14.28	6.01	6.34	0.91	1.02
5H-2-122	37.90	5.64	1.97	2.73	0.45	0.49
5H-2-137	38.07	8.79	3.22	4.39	0.38	0.80
5H-3- 22	38.42	14.16	6.81	5.68	0.46	1.21
5H-3- 42	38.62	7.96	2.40	3.97	0.73	0.86
5H-3- 62	38.82	3.97	1.18	1.59	0.23	0.97
5H-3- 82	39.02	11.81	5.45	4.74	0.59	1.03

Table 1.4 (continued).

Sample no.	Depth (mbsf)	Subfraction of coarse fraction (μm)				
		>63 (%)	63–125 (%)	125–500 (%)	500–1000 (%)	>1000 (%)
5H-3-102	39.22	3.01	1.09	1.49	0.19	0.24
5H-3-122	39.40	4.21	1.95	1.74	0.25	0.27
5H-3-137	39.60	3.26	0.98	1.44	0.17	0.67
5H-4- 22	39.92	2.26	0.67	0.87	0.21	0.51
5H-4- 42	40.12	2.50	0.62	0.84	0.34	0.70
5H-4- 62	40.32	6.28	2.58	2.29	0.32	1.09
5H-4- 82	40.52	1.56	0.71	0.67	0.12	0.06
5H-4-102	40.72	3.42	0.31	0.94	0.32	1.85
5H-4-122	40.90	5.94	1.67	2.52	0.25	1.50
5H-4-137	41.07	9.71	3.17	4.82	0.21	1.51
5H-5- 22	41.42	9.77	1.83	2.61	0.50	4.83
5H-5- 42	41.62	7.00	2.73	3.52	0.45	0.30
5H-5- 62	41.82	6.05	2.36	2.56	0.44	0.69
5H-5- 82	42.02	23.15	7.72	12.34	1.27	1.82
5H-5-102	42.22	9.93	4.24	5.04	0.31	0.34
5H-5-122	42.40	5.19	2.20	2.43	0.30	0.26
5H-5-141	42.64	26.09	9.85	12.77	1.25	2.22
6H-1- 22	44.92	6.18	4.29	1.34	0.19	0.36
6H-1- 59	45.29	6.10	4.97	1.02	0.03	0.08
6H-1- 78	45.48	31.58	12.74	18.30	0.28	0.26
6H-1-101	45.71	36.15	15.44	19.63	0.38	0.70
6H-1-122	45.90	32.86	14.46	17.31	0.26	0.83
6H-1-142	46.12	6.19	4.71	1.42	0.05	0.01
6H-2- 22	46.42	2.82	1.06	0.86	0.38	0.52
6H-2- 59	46.79	12.36	7.91	3.60	0.28	0.57
6H-2- 78	46.92	11.12	2.30	3.57	0.38	4.87
6H-2-101	47.21	2.71	1.39	0.91	0.14	0.27
6H-2-122	47.48	1.87	0.75	0.67	0.07	0.38
6H-2-142	47.62	9.78	5.03	3.97	0.31	0.47
6H-3- 22	47.92	2.21	1.21	0.90	0.05	0.05
6H-3- 59	48.29	6.62	3.04	1.74	0.14	1.70
6H-3- 78	48.48	5.89	2.96	2.01	0.10	0.82
6H-3-101	48.71	35.08	14.38	20.37	0.18	0.15
6H-3-122	48.90	2.89	1.55	1.09	0.07	0.18
6H-3-142	49.12	3.46	2.00	1.28	0.10	0.08
6H-4- 22	49.42	7.85	3.58	4.03	0.23	0.01
6H-4- 42	49.62	5.01	2.22	2.77	0.02	0.00
6H-4- 59	49.79	2.54	1.39	1.10	0.05	0.00
6H-4- 78	49.98	6.84	2.16	4.63	0.02	0.03
6H-4-101	50.21	4.46	1.90	2.42	0.05	0.09
6H-4-117	50.37	4.67	1.46	3.08	0.02	0.11
6H-5- 22	50.12	5.28	3.08	2.18	0.01	0.01
6H-5- 59	50.29	5.10	2.76	2.06	0.11	0.17
6H-5- 78	50.48	7.08	4.13	2.80	0.08	0.07
6H-5-101	50.71	12.48	5.61	6.56	0.14	0.17
6H-5-122	50.90	27.91	11.30	15.24	0.36	1.01
6H-5-142	51.12	4.31	2.47	1.61	0.10	0.13
6H-6- 22	52.42	15.90	8.95	5.43	0.44	1.08
6H-6- 42	52.62	16.15	8.96	5.57	0.37	1.25
6H-6- 59	52.79	6.03	2.67	2.98	0.12	0.26
6H-6- 78	52.98	9.60	3.93	5.21	0.22	0.24
6H-6-101	53.21	3.83	1.51	2.22	0.10	0.00

Table 1.4 (continued).

Sample no.	Depth (mbsf)	Subfraction of coarse fraction (μm)				
		>63 (%)	63–125 (%)	125–500 (%)	500–1000 (%)	>1000 (%)
7H-1- 22	54.42	15.11	8.78	5.90	0.25	0.18
7H-1- 42	54.62	12.43	6.37	5.28	0.19	0.59
7H-1- 64	54.85	11.30	5.39	5.50	0.26	0.15
7H-1- 83	55.03	7.94	5.12	2.57	0.14	0.11
7H-2- 22	55.42	12.76	5.68	4.33	0.62	2.13
7H-2- 42	56.13	18.24	7.87	8.72	0.98	0.67
7H-2- 63	56.33	2.78	1.31	1.05	0.17	0.25
7H-2- 83	56.53	20.54	9.24	9.02	1.08	1.20
7H-3- 22	57.42	3.72	1.63	1.27	0.21	0.61
7H-3- 42	57.62	1.91	0.63	0.44	0.28	0.56
7H-3- 64	57.85	25.73	8.72	10.69	1.32	5.00
7H-3- 83	58.03	2.84	1.21	1.00	0.30	0.33
7H-4- 22	58.92	28.16	13.84	13.51	0.48	0.33
7H-4- 42	59.13	1.82	0.69	0.64	0.13	0.36
7H-4- 65	59.35	2.22	1.16	0.71	0.11	0.24
7H-4- 86	59.56	8.62	5.65	2.08	0.32	0.57
8H-1- 21	63.91	9.56	6.91	2.21	0.40	0.04
8H-1- 40	64.11	13.72	6.66	5.71	0.74	0.61
8H-1- 58	64.29	3.61	1.84	1.10	0.15	0.52
8H-1-102	64.72	7.58	6.42	0.95	0.09	0.12
8H-2- 21	65.41	6.73	5.04	1.33	0.13	0.23
8H-2- 40	65.60	9.62	4.26	3.27	0.85	1.24
8H-2- 59	65.78	4.13	2.63	0.97	0.23	0.30
8H-2- 82	66.00	12.06	6.05	4.76	0.65	0.60
8H-2-102	66.22	3.08	1.22	1.41	0.18	0.27
8H-2-122	66.42	3.05	1.24	1.27	0.30	0.24
8H-2-142	66.62	2.98	1.21	1.32	0.21	0.24
8H-3- 20	66.90	3.00	1.61	0.72	0.24	0.43
8H-3- 40	67.11	13.98	7.44	4.78	0.55	1.21
8H-3- 60	67.37	5.80	3.54	1.94	0.19	0.13
8H-3- 82	67.50	5.94	3.94	1.77	0.11	0.12
8H-3-102	67.72	8.08	3.60	3.07	0.56	0.85
8H-3-122	67.90	7.68	5.52	1.88	0.13	0.15
8H-3-142	68.10	1.16	0.32	0.43	0.13	0.28
8H-4- 22	68.43	9.84	5.61	3.90	0.17	0.16
8H-4- 42	68.62	13.66	7.57	4.99	0.32	0.78
8H-5- 22	69.92	4.90	2.39	2.07	0.17	0.27
8H-5- 42	70.13	11.74	7.38	3.67	0.49	0.20
8H-5- 60	70.30	23.73	6.83	7.94	0.46	8.50
8H-5- 82	70.52	2.31	1.40	0.62	0.24	0.05
8H-5-122	70.92	6.47	4.29	1.97	0.15	0.06
8H-5-142	71.12	6.72	4.36	2.10	0.21	0.05
8H-6- 22	71.42	2.44	1.39	0.82	0.08	0.15
8H-6- 42	71.62	3.15	2.26	0.80	0.05	0.04
8H-6- 60	71.80	0.57	0.37	0.16	0.04	0.00
9H-1- 22	73.43	2.06	0.94	0.99	0.02	0.11
9H-1- 40	73.60	2.23	1.08	1.07	0.04	0.04
9H-1- 59	73.79	3.95	1.34	2.58	0.01	0.02
9H-1- 82	74.02	1.53	0.71	0.81	0.00	0.01
9H-1-102	74.22	0.67	0.35	0.29	0.02	0.01
9H-1-123	74.43	0.37	0.22	0.13	0.02	0.00
9H-1-142	74.62	17.89	15.16	2.62	0.09	0.02

Table 1.4 (continued).

Sample no.	Depth (mbsf)	Subfraction of coarse fraction (μm)				
		>63 (%)	63–125 (%)	125–500 (%)	500–1000 (%)	>1000 (%)
9H-2- 23	74.93	6.32	4.72	1.38	0.09	0.13
9H-2- 40	75.10	3.92	2.91	0.89	0.12	0.00
9H-2- 59	75.29	1.94	1.48	0.35	0.10	0.01
9H-2- 82	75.52	2.52	1.68	0.75	0.07	0.02
9H-2-102	75.72	5.52	3.38	1.75	0.13	0.26
9H-2-123	75.93	5.72	3.52	2.11	0.08	0.01
9H-2-142	76.12	13.96	8.94	4.46	0.11	0.45
9H-3- 23	76.43	1.43	0.58	0.74	0.07	0.04
9H-3- 40	76.60	0.80	0.35	0.38	0.07	0.00
9H-3- 59	76.79	1.49	0.77	0.70	0.02	0.00
9H-3- 82	77.02	2.31	0.93	0.64	0.05	0.69
9H-3-102	77.22	1.07	0.48	0.49	0.09	0.01
9H-3-123	77.43	1.05	0.52	0.38	0.00	0.15
9H-3-142	77.62	22.37	10.60	11.45	0.21	0.11
9H-4- 23	78.43	4.21	2.71	1.39	0.06	0.05
9H-4- 40	78.60	27.21	22.22	3.98	0.35	0.66
9H-4- 59	78.79	6.92	3.90	2.17	0.16	0.69
9H-4- 82	79.02	4.61	2.62	1.87	0.11	0.01
9H-4-102	79.22	5.30	3.14	2.02	0.07	0.07
9H-5- 23	79.93	1.03	0.67	0.32	0.03	0.01
9H-5- 40	80.10	14.57	11.22	3.25	0.10	0.00
9H-5- 59	80.29	5.05	4.18	0.81	0.04	0.02
9H-5- 82	80.52	5.60	4.44	0.98	0.05	0.13
9H-5-102	80.72	9.26	5.94	3.07	0.20	0.05
9H-5-123	80.93	2.80	1.15	1.04	0.11	0.50
10H-2- 22	84.42	1.78	0.90	0.65	0.03	0.20
10H-2- 41	84.61	0.81	0.40	0.30	0.03	0.08
10H-2- 57	84.78	2.20	1.11	1.02	0.07	0.00
10H-2-121	85.42	1.75	0.70	1.05	0.00	0.00
10H-2-142	85.63	0.72	0.40	0.30	0.02	0.00
10H-3- 22	85.92	0.26	0.16	0.10	0.00	0.00
10H-3- 41	86.11	4.92	0.30	1.52	0.33	2.77
10H-3- 57	86.28	1.03	0.44	0.57	0.00	0.02
10H-3- 78	86.48	1.93	0.62	0.83	0.10	0.38
10H-3-101	86.71	0.93	0.56	0.34	0.02	0.01
10H-3-121	86.92	2.52	0.85	1.26	0.15	0.26
10H-3-142	87.12	8.11	4.11	3.60	0.18	0.22
10H-4- 21	87.42	1.04	0.55	0.47	0.01	0.01
10H-4- 41	87.61	0.93	0.54	0.27	0.04	0.08
10H-4- 57	87.78	20.90	16.69	3.52	0.29	0.40
10H-4- 78	87.98	28.55	22.45	5.62	0.28	0.20
10H-4-101	88.22	27.55	21.23	5.85	0.20	0.27
10H-4-121	88.41	11.32	5.69	4.28	0.66	0.69
10H-5- 21	88.91	0.81	0.28	0.37	0.08	0.08
10H-5- 41	89.11	3.22	1.80	1.12	0.12	0.18
10H-5- 57	89.28	1.39	0.22	0.41	0.10	0.66
10H-5- 78	89.48	9.51	2.15	1.08	0.67	5.61
10H-5-101	89.71	5.11	2.08	1.23	0.22	1.58
10H-5-121	89.92	3.17	1.45	0.58	0.11	1.03
10H-6- 21	90.42	14.21	12.36	1.80	0.04	0.01
10H-6- 41	90.62	5.79	4.34	1.06	0.12	0.27
11H-1- 22	92.42	3.90	2.87	0.86	0.06	0.11

Table 1.4 (continued).

Sample no.	Depth (mbsf)	Subfraction of coarse fraction (μm)				
		>63 (%)	63–125 (%)	125–500 (%)	500–1000 (%)	>1000 (%)
11H-1- 42	92.62	3.03	1.83	0.79	0.17	0.24
11H-1- 60	92.80	2.79	1.67	0.92	0.05	0.15
11H-1- 81	93.01	13.63	7.90	4.64	0.38	0.71
11H-1-100	93.20	0.94	0.54	0.37	0.02	0.01
11H-1-122	93.40	2.37	1.67	0.61	0.00	0.09
11H-1-142	93.62	5.62	3.34	1.50	0.14	0.64
11H-2- 22	93.92	5.96	1.64	1.37	0.33	2.62
11H-2- 39	94.09	3.42	1.99	1.24	0.07	0.12
11H-2- 63	94.33	2.16	0.95	1.15	0.04	0.02
11H-2- 81	94.51	1.22	0.54	0.50	0.03	0.15
11H-2-100	94.70	1.99	0.93	0.83	0.04	0.19
11H-2-122	94.92	0.99	0.35	0.40	0.01	0.23
11H-2-142	95.14	1.51	0.55	0.37	0.03	0.56
11H-3- 22	95.42	1.78	0.99	0.69	0.03	0.07
11H-3- 42	95.62	5.82	4.17	1.08	0.12	0.45
11H-3- 60	95.80	2.91	2.03	0.77	0.06	0.05
11H-3- 81	96.01	13.87	8.92	4.52	0.33	0.10
11H-3-100	96.20	11.55	7.66	3.57	0.26	0.06
11H-3-122	96.40	3.94	2.88	0.94	0.09	0.03
11H-3-142	96.62	5.30	3.66	1.43	0.15	0.06
11H-4- 22	96.92	3.00	1.34	1.04	0.09	0.53
11H-4- 42	97.14	3.15	1.83	1.03	0.11	0.18
11H-4- 60	97.30	2.57	1.42	0.65	0.18	0.32
11H-4- 81	97.51	1.29	0.55	0.53	0.07	0.14
11H-4-122	97.92	20.32	10.50	7.68	0.72	1.42
11H-4-142	97.14	4.27	2.27	1.56	0.18	0.26
11H-5- 22	98.42	0.66	0.24	0.22	0.07	0.13
11H-5- 42	98.62	17.90	11.95	5.40	0.23	0.32
11H-5- 60	98.80	0.69	0.23	0.12	0.03	0.31
11H-5- 88	99.08	8.38	4.80	3.03	0.22	0.33
11H-5-100	99.30	0.51	0.31	0.18	0.02	0.00
11H-5-122	99.52	2.28	0.87	0.61	0.11	0.69
11H-6- 22	99.92	1.72	0.72	0.54	0.02	0.44
11H-6- 42	100.14	0.91	0.57	0.25	0.02	0.07
11H-6- 60	100.30	1.78	0.64	0.51	0.01	0.62
11H-6- 88	100.58	1.50	0.62	0.83	0.02	0.03
11H-6-122	100.92	1.20	0.57	0.57	0.03	0.03
11H-6-142	101.14	5.73	5.03	0.56	0.01	0.13
11H-7- 22	101.42	1.16	0.49	0.61	0.03	0.03
12H-1- 22	101.91	15.99	8.49	6.16	0.75	0.59
12H-1- 42	102.10	1.46	0.85	0.56	0.04	0.01
12H-1- 62	102.30	4.56	2.11	1.48	0.12	0.85
12H-1- 82	102.49	1.78	1.22	0.46	0.01	0.09
12H-1-102	102.68	1.07	0.51	0.43	0.04	0.09
12H-1-122	102.87	2.45	1.30	1.14	0.01	0.00
12H-1-142	103.06	4.07	1.85	2.04	0.07	0.11
12H-2- 22	103.35	8.08	4.29	3.63	0.12	0.04
12H-2- 42	103.54	0.58	0.32	0.23	0.03	0.00
12H-2- 62	103.74	2.65	1.64	0.97	0.04	0.00
12H-2- 82	103.93	5.65	3.90	1.72	0.03	0.00
12H-2-102	104.12	1.92	1.08	0.79	0.00	0.05
12H-2-122	104.31	1.38	0.82	0.48	0.01	0.07

Table 1.4 (continued).

Sample no.	Depth (mbsf)	Subfraction of coarse fraction (μm)				
		>63 (%)	63–125 (%)	125–500 (%)	500–1000 (%)	>1000 (%)
12H-2-142	104.50	2.05	1.06	0.82	0.03	0.14
12H-3- 22	104.79	6.92	3.62	2.65	0.05	0.60
12H-3- 42	104.98	1.24	0.80	0.38	0.02	0.04
12H-3- 62	105.18	1.04	0.53	0.40	0.08	0.03
12H-3- 82	105.37	1.04	0.51	0.50	0.03	0.00
12H-3-102	105.56	0.79	0.37	0.41	0.01	0.00
12H-3-122	105.75	0.39	0.15	0.15	0.03	0.06
12H-3-142	105.94	4.66	2.70	1.70	0.18	0.08
12H-4- 22	106.23	3.76	0.78	0.65	0.11	2.22
12H-4- 42	106.42	0.94	0.44	0.26	0.06	0.18
12H-4- 62	106.62	1.17	0.59	0.50	0.04	0.04
12H-4- 82	106.81	3.01	0.62	2.06	0.29	0.04
12H-4-102	107.00	5.94	3.36	2.29	0.15	0.14
12H-5- 22	107.67	16.86	10.20	5.11	0.43	1.12
12H-5- 42	107.86	6.27	3.13	2.71	0.06	0.37
12H-5- 62	108.06	3.14	1.18	1.70	0.24	0.02
12H-5- 82	108.25	2.66	1.77	0.84	0.03	0.02
12H-5-102	108.44	2.55	1.71	0.79	0.05	0.00
12H-5-122	108.63	4.37	2.25	1.34	0.09	0.69
12H-5-142	108.82	7.43	4.93	2.13	0.05	0.32
12H-6- 22	109.11	4.64	2.53	2.02	0.07	0.02
12H-6- 42	109.30	0.61	0.60	0.01	0.00	0.00
12H-6- 62	109.50	1.41	0.94	0.39	0.03	0.05
12H-6- 82	109.69	1.50	0.77	0.66	0.05	0.02
12H-6-102	109.88	3.78	1.17	1.96	0.11	0.54
12H-6-122	110.07	5.18	1.65	3.04	0.11	0.38
12H-6-142	110.26	1.77	0.84	0.65	0.08	0.20
12H-7- 22	110.55	0.88	0.32	0.28	0.07	0.21
12H-7- 42	110.74	1.54	0.77	0.66	0.10	0.01
13H-1- 62	111.81	1.80	0.86	0.27	0.07	0.60
13H-1- 82	112.00	1.23	0.78	0.35	0.01	0.09
13H-1-102	112.20	0.79	0.52	0.26	0.01	0.00
13H-1-122	112.40	0.72	0.48	0.23	0.00	0.01
13H-1-145	112.62	2.87	0.39	0.28	0.00	2.20
13H-2- 21	112.88	10.42	5.56	4.60	0.17	0.09
13H-2- 42	113.08	5.24	2.91	2.07	0.14	0.12
13H-2- 62	113.28	4.58	2.52	1.82	0.11	0.13
13H-2- 82	113.47	1.03	0.44	0.53	0.05	0.01
13H-2-102	113.67	5.88	3.99	1.74	0.03	0.12
13H-2-122	113.87	1.56	0.70	0.80	0.01	0.05
13H-3- 21	114.35	3.30	1.40	1.71	0.10	0.09
13H-3-145	114.58	9.74	4.46	4.39	0.59	0.30
13H-4- 21	115.82	10.35	5.01	4.86	0.17	0.31
13H-4- 42	116.02	0.75	0.39	0.17	0.06	0.13
13H-4- 62	116.22	3.87	2.26	1.44	0.08	0.09
13H-4- 82	116.41	3.96	2.52	1.26	0.13	0.05
13H-4-102	116.61	2.89	1.86	0.94	0.07	0.02
13H-4-122	116.81	15.82	7.69	2.55	0.30	5.28
13H-5- 21	117.29	4.20	1.14	1.28	0.61	1.17
13H-5- 42	117.49	7.20	2.65	1.70	0.19	2.66
13H-5- 62	117.69	6.42	5.18	1.18	0.03	0.03
13H-5- 86	117.92	6.61	4.00	2.13	0.18	0.30

Table 1.4 (continued).

Sample no.	Depth (mbsf)	Subfraction of coarse fraction (μm)				
		>63 (%)	63–125 (%)	125–500 (%)	500–1000 (%)	>1000 (%)
13H-6- 21	118.76	1.22	0.29	0.21	0.03	0.69
13H-6- 42	118.96	1.04	0.58	0.35	0.02	0.09
13H-6- 62	119.16	0.79	0.32	0.42	0.05	0.00
13H-6- 82	119.35	1.16	0.65	0.46	0.04	0.01
13H-7- 21	119.56	1.77	0.52	0.51	0.12	0.62
13H-7- 42	119.77	13.74	5.39	7.03	0.24	1.08
13H-7- 62	119.96	0.67	0.31	0.29	0.06	0.01
13H-7- 82	120.16	1.31	0.70	0.39	0.09	0.13
13H-7-102	120.35	0.48	0.31	0.11	0.05	0.01
13H-7-122	120.55	0.73	0.24	0.36	0.13	0.00
14H-2- 82	123.02	6.20	3.58	2.44	0.17	0.01
14H-2-103	123.23	4.25	2.46	1.72	0.05	0.02
14H-2-123	123.43	2.82	1.43	1.26	0.12	0.01
14H-2-142	123.62	24.50	9.78	12.55	1.53	0.64
14H-3- 21	123.91	24.52	9.80	13.76	0.32	0.64
14H-3- 41	124.11	6.98	3.63	2.91	0.22	0.22
14H-3- 62	124.32	2.72	1.18	0.96	0.20	0.38
14H-3- 82	123.52	3.15	1.18	0.70	0.29	0.98
14H-3-103	124.72	3.07	1.16	0.91	0.05	0.95
14H-3-123	124.93	3.30	1.75	1.52	0.00	0.03
14H-4- 21	125.41	0.41	0.17	0.23	0.01	0.00
14H-4- 62	125.82	2.22	1.42	0.75	0.05	0.00
14H-4- 82	126.02	0.26	0.13	0.12	0.00	0.01
14H-5- 21	126.91	2.82	0.55	0.49	0.25	1.53
14H-5- 41	127.11	10.04	5.07	3.31	0.47	1.19
14H-5- 62	127.32	21.53	11.38	9.77	0.15	0.23
14H-5- 82	127.52	8.73	5.30	2.76	0.21	0.46
14H-5-102	127.72	1.37	0.28	0.43	0.15	0.51
14H-5-123	127.93	1.80	0.79	0.62	0.03	0.36
14H-5-142	128.12	5.05	2.84	2.02	0.07	0.12
14H-C- 15	128.35	4.81	2.29	2.18	0.15	0.19
15H-1- 22	130.42	3.35	1.19	1.40	0.45	0.31
15H-1- 42	130.62	0.93	0.41	0.33	0.14	0.05
15H-1- 62	130.82	6.57	2.84	3.02	0.33	0.38
15H-1- 82	131.02	6.39	2.93	3.33	0.09	0.04
15H-1-102	131.22	6.96	3.09	3.38	0.41	0.08
15H-1-122	131.42	1.96	0.88	0.82	0.18	0.08
15H-1-142	131.62	1.65	0.35	0.80	0.09	0.41
15H-2- 22	131.92	1.20	0.71	0.32	0.12	0.05
15H-2- 42	132.12	4.06	2.23	1.69	0.05	0.09
15H-2- 62	132.32	4.03	2.21	1.47	0.26	0.09
15H-2- 82	132.52	5.65	0.64	3.84	0.87	0.30
15H-2-102	132.72	3.59	1.87	1.46	0.13	0.13
15H-2-122	132.92	9.75	5.31	2.48	0.30	1.66
15H-2-142	133.12	1.17	0.53	0.28	0.06	0.30
15H-3- 42	133.42	1.34	0.57	0.45	0.18	0.14
15H-3- 62	133.62	1.32	0.75	0.34	0.18	0.05
15H-3- 82	133.82	1.35	0.47	0.18	0.16	0.54
15H-3-102	134.02	0.99	0.34	0.20	0.05	0.40
15H-3-122	134.22	1.56	0.79	0.75	0.02	0.00
15H-3-142	134.42	1.74	0.77	0.78	0.14	0.05
15H-4- 22	134.92	1.37	0.72	0.52	0.12	0.01

Table 1.4 (continued).

Sample no.	Depth (mbsf)	Subfraction of coarse fraction (μm)				
		>63 (%)	63–125 (%)	125–500 (%)	500–1000 (%)	>1000 (%)
15H-4- 42	135.12	1.80	0.55	0.58	0.29	0.38
15H-4- 62	135.32	1.72	0.94	0.73	0.05	0.00
15H-4- 82	135.52	0.71	0.40	0.31	0.00	0.00
15H-4-102	135.72	1.07	0.65	0.37	0.00	0.05
15H-4-122	135.92	0.52	0.31	0.17	0.04	0.00
15H-5- 22	136.42	1.00	0.62	0.18	0.11	0.09
15H-5- 62	136.62	6.82	0.36	0.69	0.44	5.33
15H-5- 82	136.82	0.99	0.36	0.45	0.13	0.05
15H-5-102	137.02	0.73	0.34	0.34	0.04	0.01
15H-5-122	137.22	0.75	0.36	0.34	0.05	0.00
15H-5-142	137.42	1.62	0.42	0.35	0.15	0.70
15H-6- 22	137.92	1.53	0.81	0.55	0.08	0.09
15H-6- 42	138.12	0.61	0.29	0.25	0.05	0.02
15H-6- 62	138.32	7.44	3.50	3.16	0.24	0.54
15H-6- 82	138.52	1.71	0.72	0.87	0.08	0.04
15H-7- 22	139.42	2.11	0.19	0.18	0.15	1.59
15H-7- 42	139.62	0.88	0.29	0.21	0.08	0.30
15H-7- 62	139.82	7.22	3.99	3.07	0.12	0.04
16H-1- 23	139.93	8.73	4.32	3.30	0.36	0.75
16H-1-102	140.72	1.18	0.51	0.48	0.10	0.09
16H-1-120	140.90	1.11	0.52	0.47	0.06	0.06
16H-1-142	141.12	1.41	0.46	0.32	0.06	0.57
16H-2- 23	141.43	9.88	4.72	4.11	0.43	0.62
16H-2-102	142.02	0.78	0.40	0.32	0.05	0.01
16H-2-120	142.20	2.15	1.24	0.72	0.12	0.07
16H-2-142	142.42	6.39	4.06	2.13	0.12	0.08
16H-3- 23	142.93	3.37	1.94	1.23	0.15	0.05
16H-3-102	143.72	1.11	0.63	0.25	0.09	0.14
16H-3-120	143.90	1.36	0.81	0.40	0.08	0.07
16H-3-142	144.12	0.84	0.29	0.33	0.19	0.03
16H-4- 23	144.43	1.15	0.74	0.29	0.12	0.00
16H-4-102	145.02	1.45	0.41	0.42	0.14	0.48
16H-4-120	145.20	1.48	0.49	0.48	0.04	0.47
16H-5- 23	145.93	0.82	0.37	0.37	0.03	0.05
16H-5-102	146.72	0.75	0.47	0.25	0.03	0.00
16H-5-120	146.92	1.29	0.58	0.49	0.08	0.14
16H-5-142	147.12	0.85	0.38	0.37	0.09	0.01
16H-6- 23	147.43	4.68	2.34	1.87	0.22	0.25
17H-1- 23	149.42	1.39	0.84	0.45	0.05	0.05
17H-1- 42	149.62	1.07	0.57	0.45	0.05	0.00
17H-1-122	150.42	1.24	0.48	0.69	0.07	0.00
17H-1-142	150.62	3.85	1.31	1.60	0.81	0.13
17H-2- 22	150.92	2.05	1.20	0.61	0.06	0.18
17H-2- 42	151.12	0.97	0.89	0.06	0.01	0.01
17H-2- 62	151.22	4.74	3.45	1.25	0.02	0.02
17H-3- 22	152.42	0.82	0.36	0.33	0.09	0.04
17H-3- 42	152.62	1.30	0.54	0.37	0.06	0.33
17H-3- 62	152.82	2.16	1.41	0.58	0.09	0.08
17H-4- 22	153.92	8.89	3.32	1.72	2.45	1.40
17H-4- 42	154.12	2.59	1.74	0.83	0.01	0.01
17H-4-102	154.32	1.09	0.73	0.28	0.08	0.00
17H-4-122	154.52	2.39	1.21	1.03	0.08	0.07

Table 1.4 (continued).

Sample no.	Depth (mbsf)	Subfraction of coarse fraction (μm)				
		>63 (%)	63–125 (%)	125–500 (%)	500–1000 (%)	>1000 (%)
17H-4-142	154.72	1.12	0.60	0.34	0.13	0.05
17H-5- 22	155.42	1.65	0.77	0.46	0.09	0.33
17H-5-122	156.42	1.44	0.75	0.47	0.17	0.05
18H-1- 42	159.12	1.46	1.04	0.36	0.01	0.05
18H-1- 58	159.30	2.61	1.54	0.66	0.06	0.35
18H-1-102	159.52	1.35	0.77	0.37	0.06	0.15
18H-1-122	159.72	0.99	0.70	0.24	0.04	0.01
18H-1-142	159.92	0.90	0.47	0.19	0.06	0.18
18H-2- 42	160.62	1.31	0.73	0.50	0.03	0.05
18H-2- 58	160.80	15.19	9.68	4.72	0.33	0.46
18H-2-102	161.20	1.40	0.82	0.51	0.05	0.02
18H-2-122	161.42	3.75	2.16	1.45	0.14	0.00
18H-2-142	161.62	1.93	0.97	0.85	0.10	0.01
18H-3- 42	162.12	0.42	0.29	0.11	0.01	0.01
18H-3- 58	162.30	14.05	6.89	6.63	0.32	0.21
18H-3-102	162.52	10.57	6.23	2.62	0.21	1.51
18H-3-122	162.72	0.45	0.33	0.11	0.01	0.00
18H-3-142	162.92	3.73	1.28	1.59	0.18	0.68
18H-4- 42	163.62	2.34	0.64	0.71	0.09	0.90
18H-4- 58	163.80	3.68	0.77	0.82	0.10	1.99
18H-4-102	164.20	0.46	0.24	0.20	0.01	0.01
18H-5- 42	165.12	0.50	0.23	0.17	0.07	0.03
18H-5- 58	165.30	1.61	0.50	0.78	0.28	0.05
18H-5-102	165.52	0.86	0.43	0.28	0.09	0.06
18H-5-122	165.72	1.09	0.37	0.38	0.17	0.17
18H-5-142	165.92	0.64	0.18	0.32	0.09	0.05
18H-6- 42	166.62	0.40	0.21	0.14	0.01	0.04
18H-6- 58	166.80	1.72	0.69	0.60	0.22	0.21
18H-7- 42	168.12	13.95	7.09	3.68	0.13	3.05
18H-7- 58	168.30	0.36	0.21	0.14	0.01	0.00
19H-2- 22	169.92	1.81	0.39	0.26	0.03	1.13
19H-2- 82	170.52	10.41	4.12	5.44	0.32	0.53
19H-2-100	170.70	1.51	0.61	0.76	0.10	0.04
19H-3- 22	171.42	1.35	0.48	0.57	0.08	0.22
19H-3- 82	172.02	2.29	1.07	0.67	0.10	0.45
19H-3- 98	172.22	1.50	0.65	0.41	0.21	0.23
19H-3-120	172.40	0.89	0.50	0.20	0.12	0.07
19H-3-142	172.62	0.86	0.46	0.27	0.06	0.07
19H-4- 22	172.92	1.37	0.78	0.32	0.13	0.14
19H-4- 82	173.52	0.70	0.55	0.15	0.00	0.00
19H-4-100	173.70	2.61	2.28	0.26	0.05	0.02
20H-1- 42	178.12	2.80	1.44	1.20	0.11	0.05
20H-1- 82	178.22	9.48	4.41	4.19	0.27	0.61
20H-1-102	178.42	0.82	0.46	0.30	0.06	0.00
20H-1-122	178.62	0.40	0.19	0.20	0.01	0.00
20H-1-142	178.82	0.52	0.34	0.17	0.01	0.00
20H-2- 42	179.60	7.78	2.96	3.76	0.30	0.76
20H-2- 82	179.80	1.91	1.16	0.64	0.08	0.03
20H-2-102	180.00	1.82	0.86	0.59	0.17	0.20
20H-2-122	180.20	1.73	1.34	0.34	0.03	0.02
20H-2-142	180.40	1.99	1.26	0.51	0.02	0.20
20H-3- 42	181.10	0.31	0.20	0.10	0.01	0.00

Table 1.4 (continued).

Sample no.	Depth (mbsf)	Subfraction of coarse fraction (μm)				
		>63 (%)	63–125 (%)	125–500 (%)	500–1000 (%)	>1000 (%)
20H-3- 82	181.30	0.65	0.32	0.14	0.03	0.16
20H-3-102	181.50	1.52	0.36	0.29	0.22	0.65
20H-3-122	181.70	0.45	0.16	0.17	0.04	0.08
20H-4- 42	182.60	1.76	0.61	0.34	0.04	0.77
20H-4- 82	182.80	1.29	0.53	0.22	0.16	0.38
20H-4-122	183.20	0.38	0.29	0.08	0.01	0.00
20H-5- 42	184.10	1.41	1.00	0.39	0.02	0.00
20H-5- 82	184.30	0.68	0.32	0.13	0.01	0.22
20H-5-102	184.40	0.65	0.29	0.28	0.05	0.03
21H-1- 22	185.01	2.08	0.79	1.06	0.08	0.15
21H-1- 42	185.20	1.32	0.68	0.48	0.14	0.02
21H-1- 62	185.39	1.30	0.54	0.63	0.13	0.00
21H-1- 82	185.58	0.55	0.40	0.14	0.01	0.00
21H-1-102	185.77	1.21	1.09	0.10	0.02	0.00
21H-1-122	185.96	1.58	0.68	0.76	0.13	0.01
21H-1-142	186.15	2.14	0.67	0.69	0.06	0.72
22H-1- 22	187.01	3.44	1.45	1.69	0.18	0.12
22H-1- 42	187.20	0.55	0.24	0.29	0.02	0.00
22H-1-102	187.77	0.88	0.52	0.33	0.02	0.01
22H-1-122	187.96	0.65	0.41	0.20	0.04	0.00
22H-2- 42	188.62	0.06	0.04	0.02	0.00	0.00
22H-2- 62	188.81	0.95	0.28	0.52	0.02	0.13
22H-2- 82	189.00	1.41	0.38	0.79	0.19	0.05
22H-2-102	189.19	6.03	2.56	2.57	0.12	0.78
22H-3- 22	189.86	1.10	0.29	0.32	0.05	0.44
22H-3- 42	190.05	2.74	1.16	1.17	0.16	0.25
22H-3- 62	190.24	3.25	1.41	1.44	0.14	0.26
22H-3-102	190.62	2.41	1.08	1.17	0.10	0.06
22H-3-122	190.81	4.65	2.16	2.12	0.10	0.27
22H-4- 22	191.28	13.32	4.47	5.48	0.35	3.02
22H-4- 42	191.47	1.97	0.81	1.03	0.07	0.06
22H-4- 62	191.66	1.15	0.36	0.70	0.09	0.00
22H-4-102	192.04	0.71	0.09	0.43	0.15	0.04
22H-4-121	192.22	2.82	0.46	0.59	0.88	0.89
22H-5- 42	192.90	2.59	0.18	0.46	0.36	1.59
22H-5- 62	193.09	0.48	0.16	0.29	0.03	0.00
22H-5- 82	193.28	0.49	0.21	0.27	0.01	0.00
22H-5- 98	193.43	4.70	2.28	2.24	0.13	0.05
23H-1- 39	194.45	1.66	0.63	0.83	0.14	0.06
23H-2- 42	195.81	0.36	0.20	0.13	0.03	0.00
23H-2-102	196.34	1.80	0.88	0.80	0.07	0.05
23H-2-122	196.52	2.02	1.23	0.67	0.11	0.01
23H-2-142	196.70	27.31	9.41	16.99	0.48	0.43
23H-3- 42	197.14	1.25	0.11	0.27	0.28	0.59
23H-3-102	197.68	4.26	1.66	2.24	0.22	0.14
23H-3-122	197.86	4.40	1.90	1.86	0.22	0.42
23H-3-142	198.03	1.37	0.48	0.64	0.21	0.04
23H-4- 42	198.48	1.86	0.91	0.89	0.06	0.00
23H-4-102	199.01	0.64	0.46	0.16	0.02	0.00
23H-4-122	199.19	0.34	0.22	0.08	0.03	0.01
23H-4-142	199.37	0.31	0.14	0.11	0.04	0.02
23H-5- 42	199.81	3.58	2.12	1.35	0.06	0.05

Table 1.4 (continued).

Sample no.	Depth (mbsf)	Subfraction of coarse fraction (μm)				
		>63 (%)	63–125 (%)	125–500 (%)	500–1000 (%)	>1000 (%)
23H-5-102	200.35	0.83	0.34	0.33	0.10	0.06
23H-5-122	200.53	1.06	0.22	0.20	0.20	0.44
23H-5-142	200.70	0.68	0.38	0.22	0.03	0.05
24H-1- 20	201.30	4.50	1.65	2.02	0.28	0.55
24H-1- 65	201.74	19.13	2.97	0.26	0.02	15.88
24H-1- 82	201.90	1.73	0.96	0.53	0.22	0.02
24H-1-102	202.10	0.38	0.16	0.10	0.05	0.07
24H-1-122	202.30	0.76	0.56	0.12	0.02	0.06
24H-1-134	202.41	0.69	0.49	0.17	0.03	0.00
24H-2- 65	203.21	0.60	0.27	0.31	0.02	0.00
24H-2-102	203.57	17.53	10.10	6.38	0.39	0.66
24H-2-120	203.75	17.95	10.44	5.90	0.54	1.07
24H-3- 65	204.68	1.60	0.42	0.24	0.01	0.93
24H-3- 82	204.84	0.45	0.18	0.25	0.02	0.00
24H-3-102	205.04	0.62	0.22	0.33	0.07	0.00
24H-3-122	205.27	0.71	0.23	0.34	0.14	0.00
24H-3-142	205.43	0.26	0.17	0.09	0.00	0.00
24H-4- 20	205.71	0.55	0.26	0.22	0.05	0.02
25H-1- 22	206.20	3.73	0.58	0.49	0.05	2.61
25H-1- 42	206.40	1.06	0.46	0.47	0.08	0.05
25H-1- 62	206.60	1.39	0.71	0.61	0.07	0.00
25H-1- 82	206.80	0.46	0.32	0.14	0.00	0.00
25H-1-102	207.00	0.47	0.32	0.14	0.01	0.00
25H-1-122	207.20	0.20	0.08	0.09	0.03	0.00
25H-2- 22	207.70	0.46	0.32	0.12	0.02	0.00
25H-2- 42	207.90	1.27	0.72	0.46	0.08	0.01
25H-2- 62	208.12	0.76	0.36	0.34	0.06	0.00
25H-2- 82	208.32	4.04	1.66	1.74	0.12	0.52
25H-2-102	208.52	0.85	0.28	0.46	0.07	0.04
25H-2-142	209.10	0.44	0.27	0.10	0.01	0.06
25H-3- 22	209.20	1.30	0.69	0.30	0.18	0.13
25H-3- 42	209.40	0.71	0.18	0.20	0.07	0.26
25H-3- 62	209.60	1.62	0.68	0.76	0.05	0.13
26H-1- 22	210.71	1.41	0.63	0.55	0.20	0.03
26H-1- 42	210.91	1.34	0.66	0.58	0.08	0.02
26H-1- 62	211.10	0.72	0.28	0.36	0.07	0.01
26H-1- 82	211.30	0.91	0.18	0.38	0.17	0.18
26H-2- 22	212.17	4.51	0.70	1.09	0.42	2.30
26H-2- 42	212.36	14.04	7.61	6.12	0.11	0.20
26H-2- 62	212.56	0.88	0.36	0.34	0.05	0.13
26H-2- 82	212.75	3.88	1.87	1.35	0.15	0.51
26H-2-102	212.94	1.20	0.53	0.60	0.07	0.00
26H-2-122	213.14	0.84	0.28	0.42	0.09	0.05
26H-2-142	213.33	0.79	0.22	0.30	0.04	0.23
26H-3- 22	213.62	2.37	0.92	0.66	0.38	0.41
26H-3- 42	213.82	0.77	0.28	0.35	0.09	0.05
27H-1-102	215.30	1.33	0.64	0.55	0.11	0.03
27H-1-122	215.50	4.91	1.89	2.28	0.31	0.43
28H-1-102	217.05	4.93	1.43	2.43	0.16	0.91
28H-1-122	217.23	0.39	0.17	0.20	0.02	0.00
28H-1-142	217.42	0.69	0.09	0.14	0.06	0.40
28H-2-102	218.44	12.07	6.57	4.82	0.34	0.34

Table 1.4 (continued).

Sample no.	Depth (mbsf)	Subfraction of coarse fraction (μm)				
		>63 (%)	63–125 (%)	125–500 (%)	500–1000 (%)	>1000 (%)
28H-2-122	218.63	0.46	0.15	0.13	0.05	0.13
28H-2-142	218.82	1.34	0.18	0.20	0.08	0.88
28H-3-102	219.84	8.38	3.49	3.91	0.44	0.54
29H-1-102	222.10	0.57	0.21	0.24	0.07	0.05
29H-1-122	222.30	0.78	0.27	0.38	0.10	0.03
29H-1-142	222.50	0.47	0.20	0.22	0.04	0.01
29H-2-102	223.60	0.51	0.13	0.29	0.05	0.04
29H-2-122	223.80	0.81	0.25	0.49	0.06	0.01
29H-2-142	223.90	0.63	0.27	0.32	0.04	0.00
29H-3-102	225.10	1.83	0.78	0.41	0.13	0.51
29H-3-122	225.30	2.22	0.72	0.64	0.24	0.62
30H-1-102	227.12	3.52	1.28	1.34	0.18	0.72
30H-1-122	227.32	4.27	0.95	0.95	0.25	2.12
30H-1-142	227.51	1.14	0.34	0.50	0.18	0.12
30H-2-102	228.60	1.16	0.83	0.27	0.06	0.00
30H-2-122	228.82	1.05	0.43	0.31	0.18	0.13
30H-2-142	229.02	1.78	0.40	0.67	0.12	0.59
30H-3-102	230.12	0.84	0.24	0.46	0.11	0.03
30H-3-122	230.32	1.90	0.27	0.73	0.22	0.68
30H-3-142	230.52	3.27	1.74	1.40	0.11	0.02
30H-4-102	231.60	1.25	0.15	0.28	0.15	0.67
30H-4-122	231.82	0.76	0.33	0.33	0.06	0.04
30H-4-142	232.02	2.59	1.11	1.00	0.40	0.08
31H-1-102	233.10	10.19	4.43	4.57	0.32	0.87
31H-1-142	233.32	2.13	0.85	0.80	0.15	0.33
31H-2-102	234.60	1.51	0.85	0.56	0.10	0.00
31H-2-142	234.92	1.20	0.79	0.33	0.08	0.00
31H-3-102	236.12	0.84	0.47	0.34	0.03	0.00
31H-3-122	236.32	1.24	0.75	0.39	0.10	0.00
32H-2-102	240.62	1.18	0.75	0.40	0.03	0.00
32H-2-122	240.82	1.36	0.64	0.54	0.05	0.13
32H-2-142	241.02	1.36	0.66	0.49	0.05	0.16
32H-3-102	242.12	1.80	0.70	0.55	0.40	0.15
32H-3-122	242.32	2.08	0.69	0.95	0.31	0.13
32H-3-142	242.52	2.36	0.88	1.00	0.32	0.16
32H-4-102	243.60	1.35	0.69	0.47	0.19	0.00
32H-4-122	243.82	1.13	0.57	0.48	0.08	0.00
33H-1-102	244.72	3.90	1.03	1.45	0.28	1.14
33H-1-122	244.92	1.28	0.60	0.52	0.16	0.00
33H-1-142	245.12	1.66	0.47	0.49	0.51	0.19
34H-1-102	246.86	2.62	0.69	0.86	0.30	0.77
34H-1-122	247.02	1.82	0.94	0.53	0.21	0.14
34H-1-142	247.19	1.24	0.66	0.49	0.09	0.00
34H-2-102	248.12	0.80	0.46	0.29	0.05	0.00
34H-2-122	248.28	0.77	0.37	0.21	0.07	0.12
34H-2-142	248.45	1.37	1.05	0.22	0.04	0.06
34H-4-102	250.64	1.25	0.66	0.57	0.02	0.00
34H-4-122	250.80	0.80	0.24	0.33	0.14	0.09
34H-5-102	251.90	1.81	1.00	0.49	0.23	0.09
34H-5-122	252.06	1.01	0.70	0.22	0.09	0.00
34H-5-142	252.23	1.04	0.65	0.33	0.06	0.00